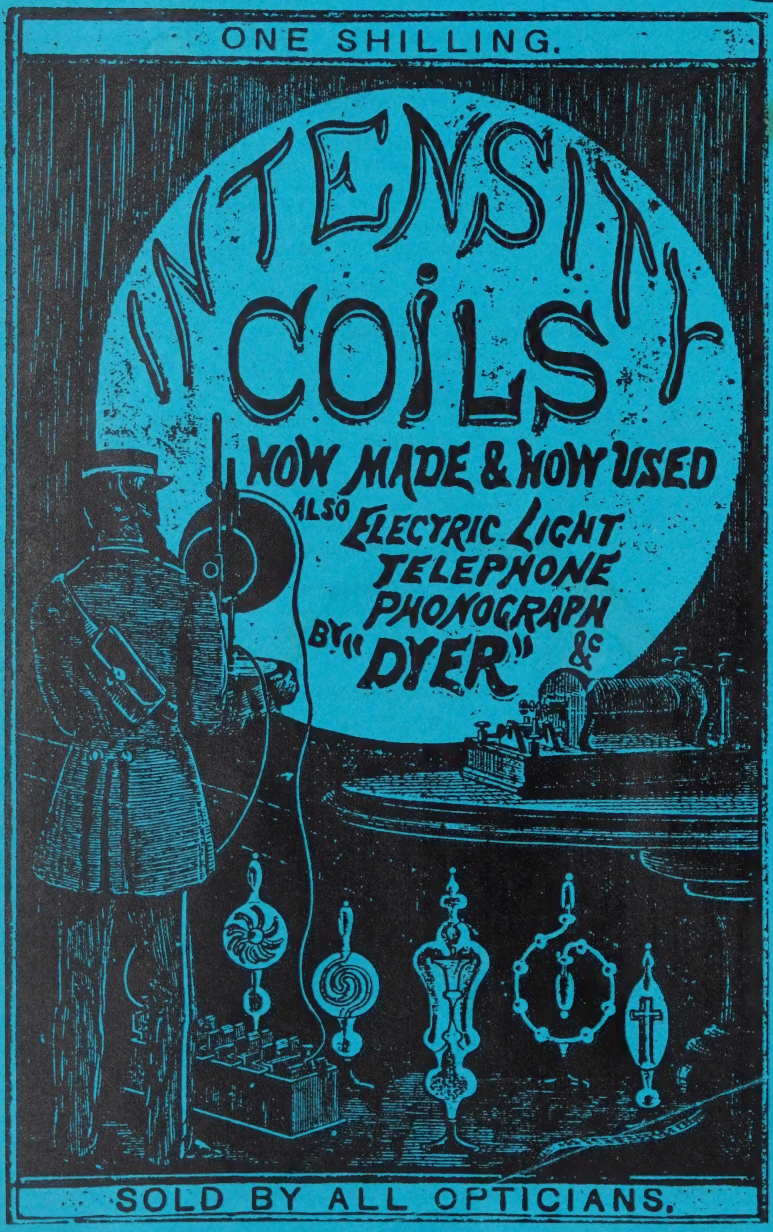
NEW WIRELESS PIONEERS BAMPTON BOOKS

CATALOG #16



NEW WIRELESS PIONEERS
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Catalog # 16 - July 1995

JAMES AND FELICIA KREUZER, PROPRIETORS

So you've been wondering where this catalog was, Well, last year I was asked by Bruce Kelly and Lauren Peckham to contribute an article on Marconi for the AWA Review, which is published annually. Being the 100th anniversary of Marconi's first serious experiments and since they approached me last year, who could say no? I had no idea it would grow to almost 100 pages and take over 5 months to complete the photography, reference work, laying out, typing and traveling involved! It grew to include 120 photos, many of them previously unpublished, of rare wireless equipment. So be sure to pick up the 1995 AWA Review when it hits the newstands in September!

It's 97 degrees and the air conditioner feels like it just gave up and left town. I'm glad the editing is over and all I have left to do is cut & paste! I've acquired a considerable amount of ephemera over the years so the next catalog will have many trade catalogs, magazines and manufacturer's paper, as well as many $ 5.00 books which happen to be occupying excessive shelf space these days.

I'll be attending the "Radiofest" at Elgin, Illinois from Tuesday, August 1st through Saturday August 5th. If you purchase something from this catalog and would like it delivered to the meet, be sure to let me know and I'll bring it along. G'DAY...

TERMS OF SALE

1. Shipping $1.00 per book on orders under $25.00; orders over $25.00 are shipped free, except as noted.

2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 75/77 Chapel Street, Tiverton, Devon EX16 6BU, His phone # is 1884 256170, and he always carries a nice selection of books on broadcasting!

3. Overseas customers must pay shipping costs- $ 3.00 PER BOOK

4. Books are guaranteed and may be returned for any reason within 7 days of receipt.

5. There is a 10% deduction for orders of 5 or more books,

6. New York residents please add 8% sales tax.

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WANTED

EARLY RADIO AND TELEVISION BOOKS

THE COVER ILLUSTRATION IS FROM ITEM #321 ON PAGE 47

AMATEUR BOOKS

1. **(EDITOR) SOLANO, CAPT. E.J.; Signalling** . 4th edition, 1916. This book is part of the Imperial Army Series and is based on the British Training Manual- Signalling, 1915. It covers Morse, semaphore, station work, dispatch riding, telephone cables map reading, and the sending of cyphers. It includes three folding plates. 228 pages. 31 illus. Good + condition. Rare. Softcover. $25.00

2. **(PERIODICAL); CQ Magazine 1945 - 1990** . 1st edition, 1945. A nearly complete set of CQ magazine, starting with Volume 1 # 2 and running up to 1990. The first 10 years or so are in single issues and are held in cardboard CQ slipcases. The balance are in cloth CQ binders and are all in very good condition. This collection is from the estate of Stu Meyers W2GHK, former President of Hammarlund Co. 9999 pages. 999 photos. 999 illus. Very Good condition. Scarce. Softcover. $250.00

3. **(PUBLISHER) MODERN MECHANIX PUB. CO.; Radio Builders' Manual** . 1st edition, 1935. This book includes complete plans for constructing amateur receivers and transmitters, crystal sets, portable receivers, short wave adapters and even car radios. How about a small broadcasting station that fits in a cake pan? How about a home made paper tape recorder for Morse signals? All this and hundreds of other radio plans and kinks! 130 pages. 360 illus. Very Good condition. Scarce. Softcover. $25.00

4. **(TRADE CATALOG); Montgomery Ward Electronic Equipment Catalog** . 1st edition, 1948. Don't let the name fool you, this catalog is absolutely packed with ham transmitters, receivers, keys, preselectors and even antennas. Names like Hallicrafters, National, Hammarlund, SDilver, RME and Speed -X fill these pages. Also shown are great audio amplifiers, speakers, microphones and test equipment. 52 pages. Good + condition. Scarce. Softcover. $35.00

5. **BAILEY, ARNOLD B.; TV and Other Receiving Antennas** . 1st edition, 1950. Both the radio amateur and the engineer should find this title of help in designing their antenna system. It was not the purpose of this book to overly stress mathematical theory, but rather to give useable information in many cases based upon the author's experience. 595 pages. Good + condition. Scarce. $35.00

6. **BALANIS, CONSTANTINE A.; Antenna Theory** . 1st edition, 1982. An excellent reference for both engineer and amateur radio operator, this book combines theory with analysis and design. A wide range of antenna structures are covered including linear and broadband dipoles, arrays, and traveling wave forms. The numerous illustrations feature some in a 3-dimensional format! 790 pages. 467 illus. Very Good condition. Scarce. $45.00

7. **CAMM, F. J.; Short-Wave Manual** . 1st edition, 1942. A treatise on the design, construction, operation and adjustment of short and ultra-short-wave receivers, aerials and equipment. Included are designs for building eight different short wave receivers. The design information for constructing your own coils is given in detail. From the U.S. Army Library. 213 pages. 118 illus. Good + condition. Uncommon. $20.00

8. **CARR, JOSEPH J.; Practical Antenna Handbook** . 1st edition, 1989. This book is referred to by the author as a "tool". It blends together theoretical concepts for practical design with tried and true building tips for actual application. The introduction gives a brief history of communications leading to the important role of the antenna system. Includes some great computer programs for antenna design(52 pgs-basic) 439 pages. 483 illus. Good + condition. Uncommon. $40.00

9. **COLLINS, A. FREDERICK; The Radio Amateur's Handbook** . 12th edition, 1970. An excellent reference work which details the theory and construction of various radio apparatus. Rf, audio, and television are well covered in this manual. Not to be confused with the handbook put out by the ARRL, this edition was revised by Robert Hertzberg. This book explains everything the ham should know,from theory to construction & operation 374 pages. 201 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

10. **CQ EDITORS; CQ Anthology** . 1st edition, 1958. This book contains the best articles that appeared in CQ during the years 1945 - 1952. There are 40 classic articles on popular subjects including surplus conversion, antennas and neat construction projects. 160 pages. 175 illus. Very Good condition. Scarce. Softcover. $15.00

11. **CQ EDITORS; CQ Anthology II** . 1st edition, 1962. This book contains the best articles that appeared in CQ during the years 1952 - 1959. There are 69 classic articles on popular subjects including surplus conversion, antennas and neat construction projects, the last one entitled; "In The Beginning", a historical overview of early radio. 256 pages. 243 illus. Very Good condition. Scarce. Softcover. $20.00

12. **DAVIES, KENNETH; Ionospheric Radio Propagation** . 1st edition, 1965. Published by the National Bureau of Standards for the Department of Commerce, this serious book outlines the theory of wave propagation, ionospheric disturbances and signal strength. Also covered are synoptic disturbances and scatter & oblique propagation. 467 pages. 172 illus. Very Good condition. Scarce. $35.00

13. **DESOTO, CLINTON; Two Hundred Meters and Down** . 1st edition, 1936. The story of amateur radio highlighting the pioneers, their development, subsequent recognition, and the new international high frequency communication. The cover is slightly faded and stained. 184 pages. Very Good condition. Scarce. Softcover. $20.00

14. **DODGE, G.M.; The Telegraph Instructor** . 3rd edition, 1903. Designed for use by the student of railroad and wireless telegraphy. A well written textbook explaining the theory and application of telegraphy. 263 pages. 9 photos. 35 illus. Very Good condition. Uncommon. $15.00

15. **JONES, FRANK C.; The Radio Handbook** . 3rd edition, 1937. Published by Radio Ltd., of Los Angeles, this handbook is the west coast equivalent of the ARRL radio amateur's handbook. Many types of antenna construction are shown, as well as transmitter and receiver circuits. Contained are hundreds of photos and illustrations as well as many advertisments. 456 pages. Very Good condition. Uncommon. Softcover. $25.00

16. **JONES, FRANK C.; "Radio" Telephony Handbook** . 1st edition, 1938. A complete and concise work on radiotelephony, giving full details for theory and applications in the field of amateur radio. Contains an abundance of information on building your own transmitters, receivers, linear amplifiers and test equipment for voice communication. Includes many nice illus. ads at the rear of the book. 128 pages. 100 illus. Very Good condition. Scarce. Softcover. $25.00

17. **JORDAN, EDWARD C., AND BALMAIN, KEITH G.; Electromagnetic Waves and Radiating Systems** . 2nd edition, 1968. This expanded edition covers the fundamentals of antennas with their applications using Maxwell's theories. The more recent significant advances in the field are discussed, and equations and diagrams are inserted where necessary. A fine reference for the serious engineer. ex-library. 753 pages. 548 illus. Very Good condition. Uncommon. $20.00

18. **KING, RONLOD W. AND SMITH, GLENN S.; Antennas In Matter** . 1st edition, 1981. This immense volume provides both an introduction to and a comprehensive description of the properties of antennas and probes embedded within the earth or ocean. This book presents a full treatment of research on underground and underwater antennas, as well as those placed beneath the polar icecaps. 868 pages. Fine condition. Uncommon. Dust Jacket. $35.00

19. **KRAUS, JOHN; Antennas** . 1st edition, 1950. This widely sought after volume covers the theory of antennas, emphasizing their engineering applications. An excellent reference for the practicing engineer, scientist or amateur radio operator. 553 pages. 520 illus. Very Good condition. Scarce. $75.00

20. **LEUTZ, C. R.; Short Waves** . 1st edition, 1930. This is the first full length book devoted solely to high frequency technology. Profusely illustrated with many photos of short wave apparatus, there are even chapters devoted to Television and Aircraft radio. A very desirable book. 384 pages. 185 illus. Very Good condition. Scarce. $55.00

21. **MAXIM, HIRAM PERCY; A Genius In The Family** . 7th edition, 1936. Written by the founder of the ARRL, an intimate picture of his father's family life. His accomplishments include being the "back inventor" of the electric light, though he lost the patent fight with Thomas Edison in a court battle. He also invented the Maxim machine gun and other technological equipment. Includes a torn DJ. 193 pages. Very Good condition. Scarce. $30.00

22. **MEISSNER; How To Build Radio Receivers** . 1st edition, 1942. This publication presents the entire line of 1939-1940 Meissner Kit receivers. An article on television in theory & practice precedes complete constructional information for the "New" Meissner television receiver. There is complete instructions for 28 different receivers, including many short wave models. In like new condition! 169 pages. Very Good condition. Scarce. Softcover. $20.00

23. **ORR, WILLIAM I.; Beam Antenna Handbook** . 2nd edition, 1955. This is the perfect book for experimenting and constructing your own beam antennas. This volume provides all the design, adjustment, and evaluation criteria for parasitic arrays. 200 pages. Very Good condition. Uncommon. Softcover. $15.00

24. **ORR, WILLIAM I.; Radio Handbook** . 21th edition, 1978. Originally published in 1934, this edition joins its predecessors as a standard reference for ham radio operators everywhere. Topics include new amplifier designs, theory and construction of various circuits, as well as many other areas of interest to the serious engineer. In like new condition. 1135 pages. 265 photos. 999 illus. Fine condition. Uncommon. $15.00

25. **RADIO CLUB OF AMERICA; The Story Of The First Trans-Atlantic Short Wave Message** . 1st edition, 1950. This publication commemorates the message sent in December 1921 which involved seven members of The Radio Club Of America. The story of the building & operation of station 1BCG is recorded from their viewpoint. Includes many photos of the station and the members who participated at the time. 78 pages. Very Good condition. Scarce. Softcover. $20.00

26. **SHKLOVSKY, I. S.; Cosmic Radio Waves** . 1st edition, 1960. Published in Moscow in 1956, this 1st English edition follows Jansky's pioneering efforts with radio astronomy. The author explores the sources and nature of outer space emissions comprehensively and exclusively. An essential reference tool for the scientist or engineer having an interest in the field. Includes an extensive bibliography. 444 pages. 205 illus. Very Good condition. Scarce. $30.00

27. **SIGNAL CORPS, U.S. ARMY; Message Book M-210** . 1st edition, 1942. An unused World War II Radio message booklet, perfect for display with your WWII era display! Includes 25 message blanks, each with 3 pieces of carbon paper and 3 copies. 25 pages. Very Good condition. Uncommon. Softcover. $15.00

28. **STUTZMAN, WARREN L., AND THIELE, GARY A.; Antenna Theory and Design** . 1st edition, 1981. This book stresses the fundamental principles of antenna theory with an emphasis on Maxwell's equations, and makes applications in designs and techniques. The operation of basic types of antenna systems is thoroughly explained, accompanied by their mathmatical relationships. Most types of antennas are discussed. In print at $ 64.00. 598 pages. Fine condition. Uncommon. $45.00

29. **THE EDITORS OF "RADIO"; The Radio Handbook** . 6th edition, 1939. This handbook, published annually, contains many fantastic articles on antennas, transmitters, receivers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast. 640 pages. Very Good condition. Common. Softcover. $20.00

30. **THE EDITORS OF "RADIO"; The Radio Handbook** . 14th edition, 1956. This handbook, published annually, contains many fantastic articles on antennas, transmitters, recievers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast, as there are many plans for constructing your own apparatus. 761 pages. Very Good condition. Common. $20.00

31. **U.S. DEPT OF COMMERCE; Amateur Radio Stations of The United States-1931** . 1st edition, 1931. This is the edition of June 30, 1931 and is published by the Radio Division of the Dept. Of Commerce. It contains all the licensed amateurs of the U.S. and is arranged alphabetically according to district. Also, the experimental stations are listed, with a full page devoted to the first television stations! Cover has tape repairs. 426 pages. Good + condition. Scarce. Softcover. $35.00

32. **WISKIN, G.W; MANTON, R.G. AND CAUSEBROOK, J.H.; Masts, Antennas and Service Planning** . 1st edition, 1992. A fine source of comprehensive information on the design of antenna systems including feeders, switching and channel combining. Also covered is the design, installation and maintenance of antenna support structures. This volume is written for radio engineers, esp. involved in broadcasting, communications & consulting. In print at $135! 233 pages. 104 illus. Fine condition. Uncommon. $45.00

ATOMIC ENERGY

33. **DAVIS, NUEL PHARR; Lawrence & Oppenheimer** . 1st edition, 1968. The fateful story of Ernest Lawrence & Robert Oppenheimer, the two giants of 20th century American physics whose association began in productive harmony, climaxed in world-shattering achievements, and ended in rancor that split the nation's scientific community and swayed the entire course of United States atomic policy. 384 pages. Fine condition. Uncommon. Dust Jacket. $15.00

34. **FABER, DORIS; Enrico Fermi: Atomic Pioneer** . 1st edition, 1966. A biography written for young people, but fine as a quick reference regarding the life of one of the most famous atomic physicists in this century. Includes a nice illustrated dust jacket. 86 pages. Fine condition. Uncommon. $15.00

35. **WOODBURY, DAVID O.; Atoms For Peace** . 1st edition, 1955. This well-researched book examines the use and possibilities of atomic power in areas such as transportation, medicine, and industry. A very timely and insightful book when one considers our absorption with the atom for use in defense. 259 pages. Fine condition. Uncommon. Dust Jacket. $20.00

BROADCASTING 1920-30

36. **(MAGAZINES); Radio Index (RADEX)** . 1st edition, 1928. Nice collection of 23 issues of an uncommon periodical published during the heyday of radio. They date from October 1927 - April 1941 & are numbered 19 to 142. The frequencies for all the stations in the U.S. are listed in each issue, as well as many great articles on early radio. In generally good+ condition, 2 have loose covers & 1 is taped. 1380 pages. Good + condition. Scarce. Softcover. $115.00

37. **COCKADAY, LAURENCE M.; 23 Lessons In Radio** . 1st edition, 1931. This course outlines the elementary theory of each radio circuit, with electron tube theory and applications, including plans for building receivers and transmitters. A very nice copy with the original glassine dust wrapper. 124 pages. 64 illus. Fine condition. Uncommon. $15.00

38. **COCKADAY, LAWRENCE AND BANNING, KENDALL; How To Build Your Radio Receiver** . 1st edition, 1924. This book includes a wide variety of complete constructional data on building your own apparatus. Crystal sets, tuners, audio amplifiers, and antennas are described and illustrated. The front cover is nicely embossed with antenna towers. 100 pages. Good + condition. Uncommon. $25.00

39. **DAVEN RADIO CO.; The Manual of Daven Amplification** . 8th edition, 1926. A popular treatise on the Daven resistance coupled amplifier, including its characteristics and applications with complete construction data. The last part of the book reviews Daven products. A nice original letter from the Daven Radio Co. is included. 61 pages. 52 illus. Very Good condition. Scarce. Softcover. $35.00

40. **DUSTON, MERLE; A.C. Radio Manual** . 1st edition, 1929. This book covers the servicing and operation of alternating current radio receivers, power amplifiers and screen grid circuits. Many commercial A.C. sets are covered, including Atwater Kent, RCA, Zenith Crosley and Majestic. 65 pages. 59 illus. Good + condition. Rare. Softcover. $15.00

41. **ECKERSLEY, CAPTAIN P.P.; All About Your Wireless Set** . 1st edition, 1926. A fine book written with the novice in mind, describing the rudiments of operation of the wireless set. Many different types of circuits are explained, followed by a 14 page troubleshooting chart in the appendix. 247 pages. 71 illus. Very Good condition. Common. $15.00

42. **FLEMING, JOHN AMBROSE; Electrons, Electric Waves and Wireless Telephony** . 1st edition, 1923. An excellent book written with the general reader in mind, bringing into focus the history and principles upon which wireless was developed. A nice copy of a hard to find book. 326 pages. 112 illus. Very Good condition. Rare. $60.00

43. **GERNSBACK, HUGO, SECOR, H. WINFIELD AND OTHERS; How To Make Wireless Receiving Apparatus** . 2nd edition, 1922. This book contains construction details and directions for making a number of wireless receiving instruments utilizing Electro Importing Co. parts. The most fascinating is a Marconi Magnetic Detector; ten pages of text and diagrams assist the reader towards building his own! 100 pages. 90 illus. Very Good condition. Rare. Softcover. $35.00

44. **GHIRARDI, ALFRED A.; Radio Physics Course** . 1st edition, 1930. This is a rarely seen first edition of Ghirardi's famous treatise on radio. Bound in original green cloth, it is only 1" thick; (His later editions were 2 to 3" thick). Profusely illustrated with photos and diagrams of radio circuits and apparatus. The first copy we've had for sale! 362 pages. 315 illus. Good + condition. Rare. $30.00

45. **HENLEY, NORMAN L.; Henley's 222 Radio Circuit Designs** . 1st edition, 1924. A comprehensive collection of receiving and transmitting circuits complete with design data and component values. A perfect book for the home brew experimenter. The cover is loose, otherwise it is a very nice copy. 271 pages. 284 illus. Good condition. Uncommon. Softcover.$20.00

46. **LESCARBOURA, AUSTIN C.; Radio for Everybody** . 1st edition, 1922. A profusely illustrated book published at the height of the radio craze. Hundreds of photos depicting early radio receivers are shown, along with excellent construction details for crystal and one-tube sets. 334 pages. Very Good condition. Common. $20.00

47. **LOOMIS, MARY TEXANNA; Radio Theory and Operating** . 5th edition, 1930. This highly desirable volume contains everything from basic theory to the completed transmitters and receivers. Profusely illustrated with many photos of early radios and wireless gear, this also includes an interesting chapter on early television, and even shows a cathode- ray tube! A very nice copy, but the front blank endpaper is missing. 1006 pages. 803 illus. Very Good condition. Uncommon. $35.00

48. **MILLS, JOHN; Letters of a Radio-Engineer To His Son** . 1st edition, 1922. This book is a collection of chronologically arranged letters from John Mills, engineer in the Western Electric Company, to his son. It is a simple, yet useful explanation of radio-telephony and how to build a radio set. Some nice photos of tubes, receivers, and related equipment. A very clean copy. 265 pages. 12 photos. 135 illus. Very Good condition. Uncommon. $15.00

49. **PERRY, L.D. AND BUCK, R.O.; Construction of Radio Receiving Sets** . 1st edition, 1922. The purpose of this book is to describe in an elementary way the construction of the crystal set along with the regenerative receiver using the vacuum tube as a detector. Contains a nice illustrated cover showing a horn speaker and Morse code. The front blank endpaper is missing. 69 pages. 23 illus. Good + condition. Scarce. $20.00

50. **RADIO NEWS; 101 Radio Hook-Ups** . 1st edition, 1930. This little volume contains circuits which were popular among early radio experimenters and others who prefer to "roll their own". It includes circuits on short wave receivers and transmitters, as well as audio amplifiers and power supplies. 62 pages. 101 illus. Very Good condition. Scarce. $15.00

51. **RCA; RCA Handbook** . 1st edition, 1925. A rare RCA binder full of original service notes on various RCA radio receivers, speakers and power supplies. Contains over 30 service notes and parts catalogs for many popular receivers including the Radiola 16, 17, 20, 24, 25, 26, 28, 104, 30, 60 and many others including a catalog that covers parts for the IV, VIIB, IX, X, etc. Super item! 600 pages. Good + condition. Very Rare. $175.00

52. **RIDER, JOHN F.; Trouble Shooter's Manual** . 1st edition, 1929. I believe this manual to be the first collection of schematic diagrams published by Rider. Only 1" thick, this bound volume contains 106 pages of schematics, the remainder being troubleshooting information. It is designated as volume II, but I've never seen Volume I. 234 pages. Good + condition. Rare. $35.00

53. **RISDON, P.J.; Wireless** . 1st edition, 1923. A much sought after volume portraying the early broadcast scene in England. An introduction by Fleming is followed by many photos of early wireless installations and apparatus, provided by the Marconi Wireless Company. A thick volume, it is slightly soiled and worn. 384 pages. 42 photos. 144 illus. Good condition. Rare. $35.00

54. **ROBISON, S.S.; Radio Telegraphy and Telephony** . 6th edition, 1924. This book is nicely illustrated with many photos of radio equipment. A large book, this volume was written for the use of naval radiomen. All facets of radio communication are covered, such as spark transmitters, arc transmitters, and many types of receivers. 895 pages. 453 illus. Good + condition. Uncommon. $20.00

55. **ROTHAFEL, SAMUEL L., AND YATES, RAYMOND FRANCIS; Broadcasting: Its New Day** . 1st edition, 1925. A practical overview of the medium in its infancy. Various aspects are covered such as politics, drama and sports with accompanying photos and illustrations. Broadcasting's future is discussed in detail, and television shares a part of those dreams. An interesting volume for its day. The rear cover is somewhat wrinkled. 316 pages. 35 illus. Good + condition. Scarce. $15.00

56. **TAUSSIG, CHARLES WILLIAM; The Book Of Radio** . 1st edition, 1922. A complete and simple explanation of radio receiving and transmitting principles and applications. Profusely illustrated with many photos of early radio gear, both amateur and commercial radio are covered. The front cover is nicely embossed with a vacuum tube. Includes government rules & reports and even plans for a Bureau Of Standards crystal set! 447 pages. 186 illus. Good + condition. Uncommon. $30.00

57. **YATES, RAYMOND F. & PACENT, LOUIS G.; The Complete Radio Book** . 1st edition, 1922. A well written book designed to instruct and entertain the layman as to the practical, commercial, and romantic aspects of radiotelephone and telegraph communication. Contains many nice photos. Includes an excellent chapter on who's who in radio, giving biographical sketches on people such as George Clark, Elmer Bucher, etc.. 330 pages. 64 illus. Very Good condition. Uncommon. $20.00

BIOGRAPHIES

58. **AGASSI, JOSEPH; Faraday as a Natural Philosopher** . 1st edition, 1971. An unusual insight into one of the finest minds of the 19th century. The author explores Faraday's background, his contributions, major and minor, coorespondence, and world views. His public life is integrated with a private idealism, written in a stimulating fashion. Includes an extensive bibliography covering 18 pages! 359 pages. Fine condition. Uncommon. Dust Jacket. $20.00

59. **BERRY, A. J.; Henry Cavendish: His Life and Scientific Work** . 1st edition, 1960. The story of the life and researches of an early electrical pioneer. Cavendish was one of the most noted 18th century natural philosophers, diversified in his interests and exacting in experimentations. This volume is ex-Library of Congress, and also includes a George Shiers' bookplate. 208 pages. Good + condition. Scarce. $20.00

60. **BILBY, KENNETH; The General- David Sarnoff and His Rise In The Communications Industry** . 1st edition, 1986. This biography was written by a former close associate. Possibly the most objective account of his life and work with implications as to his influence on the communications industry. Includes a nice bibliography. 326 pages. Very Good condition. Common. Dust Jacket. $20.00

61. **BRIGHT, EDWARD B. AND BRIGHT, CHARLES; The Life Story of Sir Charles Tilston Bright** . 2nd edition, 1908. This extensive biography of Charles Bright is essentially a history of submarine telegraphy. Contains many engravings of ships, apparatus and and maps. This intense story covers the exploits, inventions, and scientific achievements of a boy, who at age 21, supervised the laying of the first cable to Ireland. 479 pages. 70 illus. Very Good condition. Rare. $95.00

62. **COULSON, THOMAS; Joseph Henry - His Life And Work** . 1st edition, 1950. Henry was the first president of the Smithsonian Institution. In his early years, Joseph Henry's experiments with the electromagnet paved the way for the invention of the electric motor and improvement of the electric telegraph. Includes an excellent bibliography. 352 pages. Very Good condition. Scarce. Dust Jacket. $25.00

63. **DEFOREST, LEE; Father of Radio** . 1st edition, 1950. An intimate autobiography by one of the most interesting and versatile geniuses that ever lived. DeForest was a pioneer in early wireless and formed one of the first companies in America. He also invented the 3- element vacuum tube. Includes his patent list, which covers 47 years. This copy has been signed by DeForest, and includes a nice dust jacket 502 pages. 33 photos. 8 illus. Fine condition. Scarce. Dust Jacket. $125.00

64. **DIBNER, BERN; Oersted and the Discovery of Electromagnetism** . 2nd edition, 1962. A fine biography of Hans Christian Oersted. Covering a period of time from 1800 on, it focuses on the discovery of electromagnetism by Oersted in the spring of 1820. Included is a nice 4-page bibliography. The top 1" right front corner of the cover is clipped off. 85 pages. 10 photos. 20 illus. Good + condition. Common. Softcover. $15.00

65. **DREHER, CARL; Sarnoff; An American Success** . 1st edition, 1977. The story of David Sarnoff, the successful Russian immigrant who worked his way up through the ranks of The Marconi Co. to become the number one man at R.C.A. His dreams of the future helped RCA to attain the high status of the 1920's and 1930's. 282 pages. Fine condition. Common. Dust Jacket. $15.00

66. **FLEMING, JOHN AMBROSE; Memories Of A Scientific Life** . 1st edition, 1934. This important biography describes the life of the inventor of the thermionic valve, or vacuum tube. It tells of his early days working on the telephone and electric lighting systems, as well as his most important work with Marconi. Some of the first 50 pages contain a bit of underlining. 244 pages. Good + condition. Scarce. $55.00

67. **GLAZEBROOK, R.T.; James Clerk Maxwell and Modern Physics** . 1st edition, 1896. An excellent account of the work and early researches of James Clerk Maxwell, especially the scientific study of his electrical theories. A seldom seen look at the work done by Maxwell. The front blank endpaper is missing. 224 pages. Good + condition. Rare. $65.00

68. **HAMMOND, JOHN WINTHROP; Charles Proteus Steinmetz** . 1st edition, 1924. This is the first authorized biography of this great electrical wizard. His personal life and his work at General Electric are well covered in this book. 489 pages. 18 photos. Very Good condition. Scarce. $35.00

69. **JOLLY, W.P.; Marconi** . 1st edition, 1972. This biography of the Father of Radio is the first to separate fact from rumor about this genius who inspired both hatred as well as admiration. Includes details surrounding the Marconi Scandal, tempestuous love affairs, and his escape from death on the Lusitania. 292 pages. 24 photos. Fine condition. Scarce. $30.00

70. **JOSEPHSON, MATTHEW; Edison** . 1st edition, 1959. Utilizing original material from the Edison archives in West Oramge, N.J., the author gives a fine and extensive account of the famous man and his inventions. 511 pages. 36 photos. Fine condition. Common. $20.00

71. **KING, A.G.; Kelvin The Man** . 1st edition, 1925. The famous scientist whose work on thermodynamics and the electric telegraph have guaranteed him a place in scientific history. An excellent biographical sketch by his niece. One of the few accurate biographies about Kelvin. 142 pages. 12 photos. Good + condition. Rare. $45.00

72. **LEONARD, JONATHON NORTON; LOKI - The Life of Charles Proteus Steinmetz** . 2nd edition, 1932. This is the famous biography about the mathematical genius of General Electric. It tells of his personal life as well as his work on the alternating current motor. Includes a nice colorful dust jacket. 291 pages. 8 photos. Very Good condition. Uncommon. $30.00

73. **LEUPP, FRANCIS E.; George Westinghouse: His Life and Achievements** . 1st edition, 1918. This biographical account depicts the human side of George Westinghouse. It commends the well-known mechanical genius for his spirit, courage, watchfulness, and persistence in the development of the air brake and the alternating current system of electrical power. 304 pages. 10 photos. Very Good condition. Scarce. $35.00

74. **MACKENZIE, CATHERINE; Alexander Graham Bell: The Man Who Contracted Space** . 1st edition, 1928. An unbiased, authentic portrait of one of the most remarkable men of his day. This in-depth view of the inventor of the telephone demonstrates the many other areas of sound which he became involved with during his lifetime. 382 pages. 31 photos. Very Good condition. Scarce. $35.00

75. **MARCONI, DEGNA; My Father Marconi** . 1st edition, 1962. This fascinating biography of Marconi was written with affection and understanding by his eldest daughter, who has drawn from the great wireless pioneer's diaries and correspondence as well as from scientific and historical records of his work. 320 pages. 23 photos. Fine condition. Scarce. Dust Jacket. $25.00

76. **MCCLURE, J.B.; Edison and his Inventions** . 1st edition, 1879. The first book published about Edison and his early work, including many incidents, anecdotes, and interesting particulars connected with the life of this great inventor. Includes full explanations of the telephone, phonograph, and electric light. Contains many rarely seen engravings of his early inventions. A beautiful copy! 153 pages. 32 illus. Very Good condition. Very Rare. $185.00

77. **MCGUIRK, KATHLEEN L.; The Diary of Thomas A. Edison** . 1st edition, 1970. This unusual work contains a nicely illustrated introduction on Thomas Edison and his background. The final 43 pages consist of photographs of Edison's personal diary, which contain some very interesting and amusing entries. The front blank endpaper is clipped at the corner. 72 pages. 25 photos. Very Good condition. Uncommon. $20.00

78. **PETRAKIS, HARRY M.; The Founder's Touch; The Life Of Paul Galvin Of Motorola** . 1st edition, 1965. One of twentieth century's most dynamic business leaders. His pioneering of such products as the auto radio and walkie-talkie made the industry stand up and take notice. The development and history of Motorola's products are thoroughly discussed. 240 pages. 47 photos. Fine condition. Uncommon. Dust Jacket. $20.00

79. **PROUT, HENRY G.; A Life Of George Westinghouse** . 1st edition, 1926. This well done biography covers the personal life and the industrious career of Westinghouse. From early electrical street railway and the Tesla polyphase motor to the spectacular Niagara Falls power project, his complete story is told here. 375 pages. 10 photos. Very Good condition. Scarce. $30.00

80. **THE WISDOM SOCIETY; The Wisdom Of Sarnoff and The World Of RCA .** 1st edition, 1968. An exceedingly rare biography of Sarnoff, never endorsed by him to sell. A nationwide attempt was made to invalidate the book and returns actively solicited through RCA (ref. "The General" page 273). Most copies were subsequently returned, this volume is one of the few which survived. Profusely Ilus.! Includes copy of 2 page letter from RCA! 449 pages. Fine condition. Very Rare. $95.00

81. **THOMPSON, J.S. AND THOMPSON, H.G.; Silvanus Phillips Thompson; His Life and Letters .** 1st edition, 1920. An excellent reference for a researcher in early Electrical Science. He wrote many books on the lives and works of other electricians. Many details appear in this volume, & includes a nice 10-page bibliography. The pages are uncut. 372 pages. 13 photos. Good + condition. Rare. $55.00

82. **THOMSON, J. J.; Recollections and Reflections .** 1st edition, 1936. This scarce autobiography covers the life of Thomson, from his school days and work at the Cavendish Laboratory, to his discovery of the electron and subsequent experiments. In a library binding, slightly shaken. 451 pages. 10 photos. Good condition. Scarce. $45.00

83. **TOWERS, WALTER KELLOGG; Masters of Space .** 1st edition, 1917. A seldom seen work on the story of talking at a distance, either by wire or through space. It includes the biographies of Morse, Lord Kelvin, Graham Bell, Marconi, and J.J. Carty. The cover is nicely embossed showing sparks around the world. 301 pages. 16 illus. Good + condition. Rare. $65.00

84. **WATSON, THOMAS A.; Exploring Life; The Autobiography Of Thomas Watson .** 1st edition, 1926. A comprehensive biography of the telephone pioneer from his early days through his successful work with Alexander Graham Bell. He describes the court battles with many individuals and ultimate decisions in Bell's favor, as well as his life's work after the invention of the telephone. 315 pages. Very Good condition. Scarce. $35.00

85. **WILE, FREDERIC WILLIAM; Emile Berliner; Maker of the Microphone .** 1st edition, 1926. This is a story of an inventive immigrant, whose invention of the microphone has played a major role in the communications field. Many illustrations are presented in this volume, depicting early equipment. 253 pages. 30 photos. Very Good condition. Scarce. $40.00

86. **WOODBURY, DAVID O.; Elihu Thomson; Beloved Scientist .** 1st edition, 1944. A complete biography of this most fascinating pioneer of the electrical age. He is credited with almost 800 electrical patents which beginning with wireless telegraphy in 1875. He went on to invent many electrical items in use today. Includes a chipped dust jacket. 358 pages. 20 photos. Very Good condition. Scarce. $40.00

BIBLIOGRAPHY/REF

87. **ASIMOV, ISAAC; Biographical Encyclopedia Of Science And Technology** . 1st edition, 1964. This excellent reference work contains brief biographies on more than 1000 great scientists from ancient times to the present. Extensive cross references and a large index are quite useful to the researcher. This is a history of science told through biographies. 662 pages. 79 photos. Fine condition. Uncommon. $25.00

88. **DIBNER, BERN; Heralds of Science** . 1st edition, 1955. A well-known reference work consisting of 200 books on the sciences chosen from the Burndy Library. An excellent bibliography of some very rare literature on electricity, magnetism, physics, astronomy, technology, and mathematics. 96 pages. 82 illus. Fine condition. Uncommon. Softcover.$20.00

89. **RCA TECHNICAL PRESS; (Index) Technical Paters By RCA Engineers 1919 - 1939** . 1st edition, 1939. This important reference includes a listing of substantially all published and certain unpublished contributions, the author or co-author of which was an RCA Engineer at the time of publication. The chronological index is supplemented by an alphabetical listing of authors and covers audio, television, VHF and motion pictures. 60 pages. Fine condition. Scarce. Softcover. $20.00

90. **RONALDS, SIR FRANCIS (THE RONALDS LIBRARY); Catalogue of Books and Papers Relating To Electricity and the Electric Telegraph** . 1st edition, 1880. This rarely seen catalog has now been reprinted, as a Limited Edition (150 copies). Probably the best bibliography ever printed on early and important books relating to telegraphy and electricity, containing over 13,000 entries of books, pamphlets and serials. This is one reference book I DO USE to help construct this catalog! Its great! 552 pages. New condition. Common. $85.00

91. **SHIERS, GEORGE; Bibliography Of The History Of Electronics** . 1st edition, 1972. A pioneer work dedicated to the listing of articles, books and other printed materials associated with the historical aspects of electronics and telecommunications. Subjects included are electricity, wireless, telegraph, television, telephone, radar, audio, biographies. A must for the serious historian of electrical technology. Great! 323 pages. Fine condition. Scarce. $75.00

BROADCASTING, SOCIAL

92. **(PERIODICAL); Radio Index (RADEX)** . 1st edition, 1929. A collection of 19 issues of "Radex", a radio magazine featuring articles on low-tech radio and on programming. The technical editor was Enno Haan, the author of the first book on radio troubleshooting. These issues date from 1929 to 1941 (issue # 32 to #141). All covers are present, though a couple are loose. Nice! 1400 pages. Very Good condition. Scarce. Softcover. $95.00

93. **DUNNING, JOHN; Tune In Yesterday** . 1st edition, 1976. The ultimate encyclopedia of old-time radio 1925-1976. This book is considered the bible for broadcast historians of the early radio programs. Contains hundreds of radio series from their inception to demise in later years. Alphabetized, it provides an excellent reference. Includes a fine dust jacket. A difficult book to obtain. 703 pages. Fine condition. Scarce. $95.00

COMPUTER

94. **BABBAGE, CHARLES; Passages In The Life Of A Philosopher** . 1st edition, 1864. This is the autobiography of the father of the computer. Rarely seen for sale, he explains his life story including experiments and the development of his various "difference engines", or analog computers. From the University of Chicago Library, with a red cloth binding. The frontispiece is not present, but a very desirable copy anyway. 496 pages. Good + condition. Very Rare. $165.00

95. **HYMAN, ANTHONY; Charles Babbage: Pioneer of the Computer** . 1st edition, 1982. This book discusses the long career of Charles Babbage, a leading advocate of the systematic use of science in industry. He was also the creator of machines later known as unique precursors of the modern computer. Almost forgotten and then rediscovered in the 20th century, his analytical engines are among the greatest achievements in mankind. 287 pages. 39 illus. Very Good condition. Uncommon. Dust Jacket. $25.00

96. **KORN, GRANINO A. AND THERESA M.; Electronic Analog Computers** . 2nd edition, 1956. A comprehensive overview of DC analog computers including designing, circuit theory, and references for computer systems development. Thoroughly interspersed with numerous diagrams and illustrations. One of the first books published on the electronic computer. Includes a worn dust jacket. 452 pages. Very Good condition. Scarce. $25.00

97. **LAVINGTON, SIMON; Early British Computers** . 1st edition, 1980. The story of the British computer development, from Babbage's efforts through WWII, to 1980. The Ace, Cambridge EDSAC, Manchester Mark I, NPL Pilot ACE, and Ferranti ICT & ICL are illustrated and described, as well as the men who participated in their development. This scarce volume is signed by the author. Includes a nice illus. dust jacket. 139 pages. 63 illus. Fine condition. Scarce. $35.00

98. **PAYNTER, H.M.; A Palimpsest On The Electronic Analog Art** . 1st edition, 1955. A collection of important papers and articles on the development of the electronic computer written during the 1940's and 1950's. Included are many illustrations and bibliographic references pertaining to the early computers. 270 pages. 250 illus. Very Good condition. Rare. Softcover. $45.00

99. **RODGERS, WILLIAM; THINK** . 1st edition, 1969. A biography of Tom Watson and the company that he created- International Business Machines (IBM). A well written book holding many surprises for the uninformed. 320 pages. 18 photos. Fine condition. Scarce. Dust Jacket. $20.00

ELECTRICITY

100. **(PERIODICAL) STURGEON, WILLIAM; "The Annals of Electricity, Magnetism and Chemistry"** . 1st edition, 1836. Better Known as the Annals of Electricity, this is the first electrical magazine printed in the English language. Present are 2 complete volumes, Vol. 1; October 1836 to October 1837, & Vol.2: January to June 1838. Articles are included by Morse, Page, Davenport, Faraday, and many others. With 28 pages of plates! Superscarce!! 987 pages. Good + condition. Extremely Rare. $550.00

101. **(TRADE CATALOG); Chicago Apparatus Co. Catalog #41** . 1st edition, 1929. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, coherer wireless outfits, telegraph apparatus, galvanometers and other great demonstration gear. The front cover and first 170 pgs were pierced by a BB, not affecting much text. 499 pages. Good + condition. Rare. $95.00

102. **(TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog F** . 1st edition, 1923. A wonderful catalog illustrating any kind of scientific apparatus you could imagine! Geissler tubes, Wimshurst machines, X-Ray tubes & apparatus, electromagnets, induction coils, sound & optical apparatus, meters, galvanometers and even a coherer receiver/tramsmitter! A very nice hardbound catalog, it will keep you entertained for hours. 428 pages. Very Good condition. Rare. $115.00

103. **(TRANSLATOR) MOTTELAY, P. FLEURY; William Gilbert; On The Loadstone** . 1st edition, 1892. The first English translation of Gilbert's epical work on magnetism as relating to electricity . Originally printed in 1600, this volume was first to discuss the theory of magnetic force, and the mariner's compass. An unabridged and unaltered copy of this rarest and most valuable book in the field of electricity. 368 pages. 50 illus. Very Good condition. Rare. $85.00

104. **AIEE; The Niagara Falls Electrical Handbook** . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and contains all the details of the first successful Niagara power project. Included are many photos of the power plant and associated industries. 208 pages. 106 illus. Very Good condition. Rare. $50.00

105. **AIEE; The Boston Electrical Handbook** . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and includes the history and achievements in the electrical industry for the New England area. The Edison Electric Illuminating Co. is covered in detail. Very nice! 205 pages. 106 illus. Fine condition. Rare. $50.00

106. **AIEE; The Pittsburgh Electrical Handbook** . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and includes the history and achievements of Westinghouse Electric Co., as well as entire chapters devoted to the Nernst Lamp Co. and Union Switch & Signal Co. 207 pages. 102 illus. Very Good condition. Rare. $50.00

107. **ALLSOP, F. C.; Practical Electrical Bell Fitting** . 9th edition, 1899. A treatise on the fitting-up and maintenance of electric bells and all the necessary apparatus used in this field. Profusely illustrated showing many types of early batteries, electro-magnets, relays, switches, etc. Includes a 36 page catalog of scientific books. Covers are spotted, and the front blank endpaper is missing. 170 pages. 186 illus. Good + condition. Scarce. $20.00

108. **BENJAMIN, PARK; The Voltaic Cell** . 1st edition, 1893. This work contains the record of principal discoveries and researches relating to the chemical generators of electricity. Most of the early batteries invented during the 1800's are discussed and illustrated in this rarely seen title. It includes an extensive bibliography of early & rare books on the subject. 1st copy we've seen 562 pages. 200 illus. Good + condition. Rare. $95.00

109. **BOTTONE, S.R.; The Amateur Electricians Workshop** . 2nd edition, 1910. A handbook of practical instruction in the making of electrical models and appliances. Included is a Ruhmkorff spark coil, electro-motor, wireless telegraph & telephone and a linesman's detector. 110 pages. 41 illus. Good + condition. Scarce. $25.00

110. **CANBY, EDWARD T.; A History of Electricity** . 2nd edition, 1965. This book contains over a hundred beautiful photos and illustrations of early electrical apparatus. Mainly concerned with electrical communication and the transmission of power, a large portion of the book is devoted to pre-1850 electrical experimentation. Included is a nicely illustrated dust jacket. 111 pages. Very Good condition. Scarce. $25.00

111. **CASSIER'S MAGAZINE; The Harnessing of Niagara** . 1st edition, 1895. A complete story of the Niagara power enterprise in ten articles with nearly 200 illustrations told through Cassier's magazine. Portraits of the officers, directors, engineers and others involved were included, as well as many views of the falls. The title is gold embossed, the volume is probably a special limited edition. 1st copy we've seen! 124 pages. 111 photos. 70 illus. Very Good condition. Very Rare. $75.00

112. **DUNLAP, CARL H., SIEFERT, B. S., AND AUSTIN, FRANK E.; Transformers: Principles and Applications** . 1st edition, 1968. A straightforward approach to the design, construction, theory and operation of small transformers. Many drawings complement the text, making this volume a valuble asset for beginner and experienced alike. This is a nice copy of the 7th printing. 277 pages. 49 illus. Very Good condition. Uncommon. $15.00

113. **FARADAY, MICHAEL; Faraday's Experimental Researches in Electricity** . 1st edition, 1839. Faraday's famous treatise reprinted from the Philisophical Transactions. In three volumes, the 2nd volume is dated 1844, the 3rd, 1855. Bound in beautiful fine 3/4 leather bindings in the 19th Century , this set would be the highlight of any library. The endpapers and foredges are marbled & it is the later Quaritch printing. Supernice! 1464 pages. 236 illus. Very Good condition. Very Rare. $850.00

114. **FLEMING, J.A.; Fifty Years of Electricity** . 1st edition, 1921. This profusely illustrated volume documents the progress of electrical technology from 1870 - 1920. Fleming's first-hand account of the development of telegraphy, telephony, motors, dynamos, electric lamps, and wireless telegraphy is well presented. Rarely seen for sale, this is the nicest copy we've had! 371 pages. 110 photos. 167 illus. Very Good condition. Rare. $115.00

115. **FORBES, R.B.; Shipwreck By Lightning** . 1st edition, 1853. An early work on the subject, presenting a historical record of well - authenticated instances where ships and vessels of the Royal Navy have been struck and damaged by lightning. This book presents fascinating reading about first hand accounts of lives lost by lightning & damage sustained by the ships. Franklin Institute Library. 86 pages. Good + condition. Rare. $55.00

116. **GREENWOOD, ERNEST; Amber To Amperes** . 1st edition, 1931. From Thales to wireless, the author attempts to portray the social and historical background of electricity's fascinating history. Many important events are described, along with the inventors who took part in its growth. 332 pages. 15 illus. Very Good condition. Scarce. $35.00

117. **HAMMOND, JOHN WINTHROP; Men And Volts: The Story Of General Electric** . 1st edition, 1941. This company history presents little known facts about Edison, Thomson and Steinmetz to name a few, along with an excellent history of the development of electricity & the history of General Electric Co.. Includes a beautiful dust jacket reproduction of a colorful wall mural by Rockwell Kent. 436 pages. 70 photos. Very Good condition. Common. $25.00

118. **HAWKS, ELLISON; The Book Of Electrical Wonders** . 1st edition, 1935. A popular account on electricity, power, telephone, telegraph, radio, X-Rays, television, and facsimile. Containing many photos of early electrical apparatus, it discusses the future of the art. Written by the author of "Pioneers Of Wireless". 316 pages. 40 photos. Good + condition. Scarce. $25.00

119. **HOPKINS, GEORGE M.; Experimental Science** . 25th edition, 1902. A monumental 2 volume set, this is a 1987 quality reprint, bound in hardcover. A well known work which is usually found in poor condition. This late edition covers X-Ray, wireless telegraphy, electrical measuring instruments, the phonograph, induction coils, geissler tubes and microscopy. 1089 pages. 918 illus. Fine condition. Uncommon. $45.00

120. **HOUSTON, EDWIN J.; Electricity One Hundred Years Ago and Today** . 1st edition, 1894. The path of electric progress from ancient Greece to 1894 when the book was published. Originally a lecture, additional material was added as footnotes. A very unusual volume, covering some areas in great detail. The first copy we've had for sale. 199 pages. Good + condition. Rare. $65.00

121. **HOUSTON, EDWIN J.; A Dictionary Of Electrical Words, Terms, And Phrases** . 1st edition, 1889. The first published account of its type, this pioneer work is extremely well versed in early electrical science. A large volume, it contains many engravings of early electrical, telephone, & telegraph apparatus. A nice copy of a hard to find book. 655 pages. 396 illus. Very Good condition. Rare. $55.00

122. **HOUSTON, EDWIN J. & KENNELLY, A.E.; Electrical Engineering Leaflets** . 1st edition, 1899. A series of lessons written especially for the engineering student, with sections on dynamos, motors, incandescent and arc lighting, electromagnets, and testing apparatus. In a nice publisher's red cloth binding. 296 pages. 121 illus. Very Good condition. Rare. $35.00

123. **HUTCHINSON, ROBERT W.; Advanced Textbook of Magnetism and Electricity** . 2nd edition, 1924. Contained in 2 volumes, vol. 1 discusses magnetism and electrostatics, while vol. 2 explains electrodynamics. All areas of electricity are covered, including induction coils, wireless, telegraphy, conduction through gases and static machines. Both volumes are in near perfect condition. The first set we've had for sale. 883 pages. 798 illus. Fine condition. Scarce. $35.00

124. **JANSKY, CYRIL M.; Electrical Meters** . 2nd edition, 1917. This could best be described as the most complete work on meters of the time. All types of measuring instruments are fully described and illustrated here, including watt-hour and RF meters. If you are a true fan of meters then this book is for you! 416 pages. 65 photos. 250 illus. Very Good condition. Scarce. $45.00

125. **JENKIN, PROF. FLEEMING; Electricity and Magnetism** . 9th edition, 1887. Written by the head of "The Committee On Electrical Standards", who in 1873 reported on the names assigned to various units of electrical measurements. This book covers all areas on theory and application of electricity and contains many engravings of early telegraph, telephone and frictional apparatus. The spine is somewhat worn. 391 pages. 176 illus. Good + condition. Rare. $75.00

126. **JOHNSON SMITH & CO.; The Star Amateur Electrician** . 1st edition, 1920. The how and why of electricity with plans for making and operating electrical apparatus, toys and novelties. Using this neat little book, you are given instructions to build an induction coil, wireless telegraph apparatus and an electric motor, just to name a few! 66 pages. 63 illus. Very Good condition. Scarce. Softcover. $25.00

127. **LANGBEIN, DR. GEORG; Vollstandiges Handbuch der Galvanischen Metall-Niederschlage** . 1st edition, 1886. A very early German title on electroplating. Includes many fine engravings of early electrical apparatus, including dynamos and batteries. The covers are beautifully embossed with the title in gold. 294 pages. 66 illus. Very Good condition. Rare. $55.00

128. **LANPHIER, R.C.; Electric Meter History and Progress** . 1st edition, 1925. Published by the Sangamo Electric Co., this book serves as a fine reference for collectors of early recording wattmeters. Many are shown, along with a description of their operation and application. 78 pages. 65 photos. Fine condition. Scarce. $45.00

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130. **LOCKWOOD, T.D.; Electrical Measurement and the Galvanometer** . 2nd edition, 1887. This rarely seen book sets forth the principles of electrical measurement based on the use of the galvanometer, the first type of electrical indicating instrument. It was published by the J.H. Bunnell Co.. The front blank endpaper is loose. 137 pages. 32 illus. Good + condition. Rare. $55.00

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134. **LOEB, LEONARD B.; Fundamental Processes of Electrical Discharge in Gases** . 1st edition, 1939. A monograph and source book associated with basic atomic physics, interlacing the classical discharge theories of men such as Thomson and Townsend with recent experimental advances. 717 pages. 289 illus. Very Good condition. Scarce. $25.00

135. **MCMAHON, A. MICHAEL; The Making Of A Profession: A Century Of Electrical Engineering in America** . 1st edition, 1984. This book covers the main facts in the history of the profession, from the rough beginnings in telegraphy before the Civil War and the emergence of an embryonionic electric lighting and power industry in the 1800's to the rise of technical electronics in the 20th century. Published by IEEE Press for the 100th aniversary of the Institution. 304 pages. 30 photos. Fine condition. Uncommon. Dust Jacket. $35.00

136. **MORGAN, ALFRED P.; The Pageant Of Electricity** . 1st edition, 1939. A colorful history outlining the development of electrical science. The stories of early struggles between rival interests over power, the telephone, and commercial wireless telegraphy are detailed along with the rise of the great corporations in the electrical industry. A rarely seen volume written by the popular author, Alfred P. Morgan. 363 pages. 85 illus. Good + condition. Scarce. $25.00

137. **NATIONAL ELECTRIC LIGHT ASSOCIATION; Electrical Meterman's Handbook** . 3rd edition, 1912. This book was prepared as an aid to the meterman and engineer. Anything you ever wanted to know about any kind of meter and its operation is discussed in this volume, including laboratory standards, meter testing and meter department records. Many photos and illustrations of meters and laboratory instruments are depicted. 1076 pages. 730 illus. Good + condition. Scarce. $35.00

138. **PASSER, HAROLD C.; The Electrical Manufacturers 1875 - 1900** . 1st edition, 1953. This book is a study of the origins and developments of the highly technical and competitive electrical manufacturing industry. Organized in three parts - arc lighting, incandescent lighting, and electric power - it tells the story of the industry's innovations and the engineer-entrepreneurs responsible for them. A highly desirable book. 412 pages. 14 illus. Fine condition. Rare. $65.00

139. **PERRY, JOHN AND OTHERS; Encyclopedia Of Electrical Engineering (2 Volumes)** . 1st edition, 1892. A two volume set with nicely embossed covers in superb original condition. Included is a detailed history of the discovery and application of electricity. The first set I've seen, it covers measuring devices in detail as well as telegraphy, telephony, motors, dynamoes and even the electric light. The spines are somewhat chipped. 960 pages. 542 illus. Good + condition. Rare. $95.00

140. **RIDER, JOHN F.; The Meter at Work** . 1st edition, 1944. An elementary manual intended for use by the radio serviceman. The author employs an unusual style by splitting the book in two separate parts, one placed above the other. An interesting concept, one is able to cross reference text with illustrations. I've never seen another example quite like it! 152 pages. 136 illus. Very Good condition. Scarce. $20.00

141. **SCHALLREUTER, W.L.; Neon Tube Practice** . 2nd edition, 1939. This is both a scientifically and technically accurate treatise on the neon tube. The physical and electrical conditions of gas discharge is explored in depth, as well as the manufacturing processes involved. The pumping, filling, bending and sealing off of neon tubes occupies a good part of the book. 255 pages. 30 photos. 28 illus. Very Good condition. Scarce. Dust Jacket. $55.00

142. **SNOW HARRIS, SIR W.; Rudimentary Electricity For The Use Of Beginners** . 4th edition, 1854. A sound, practical and theoretical view of electricity, involving easy and accessible experiments. Accompanied by illustrations of early static machines and primitive instruments. A 24 page catalog of books on science & technology is included at the back of the book. The covers and first and last few pages are worn and stained. 195 pages. 67 illus. Fair condition. Very Rare. Softcover. $95.00

143. **STEINMETZ, CHARLES P.; Theory and Calculation of Electrical Apparatus** . 1st edition, 1917. Intended as a companion to "Theory and Calculation of Electric Circuits", this volume incorporates the most important aspects of various electrical apparatus, especially induction motors. This is the fifth impression of a very scarce title, the first copy we've seen. 480 pages. 227 illus. Very Good condition. Rare. $65.00

144. **STEINMETZ, CHARLES PROTEUS; Alternating Current Phenonmena** . 3rd edition, 1900. This book contains the theory and calculation behind alternating current. Covered in depth are polyphase induction motors, alternating current generators, transformers, dielectric losses, phase control, and general waves. A nice copy of a landmark book written by a pioneer in alternating current theory. 525 pages. 210 illus. Very Good condition. Scarce. $45.00

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147. **THOMPSON, SILVANUS P.; Lectures On The Electromagnet** . 1st edition, 1892. This book comprises a collection of four lectures on the electromagnet delivered in February, 1890 before the Society Of Arts in London. An interesting early volume dedicated to the history and theory of the electromagnet. One of the important books which prepared many scientists and inventors for their investigations in electricity. 287 pages. 75 illus. Very Good condition. Scarce. $55.00

148. **THOMSON, J.J.; The Corpuscular Theory Of Matter** . 1st edition, 1907. This definitive treatise explores the electron, proposing a theory defining its charge, properties, and arrangement in the atom. Thomson, also known as "The Father of the Electron", drew conclusions from observations made during his many experiments and those performed by such eminent scientists as Crookes and Hertz. A beautiful copy! 172 pages. 29 illus. Very Good condition. Very Rare. $175.00

149. **THOMSON, SIR WILLIAM; Electrostatics and Magnetism** . 1st edition, 1872. This book was written by Sir William Thomson, also known as Lord Kelvin. Consisting chiefly of reprinted articles on Electrostatics and electromagnetism, it was originally published in the previous 30 yrs. Electrometers, leyden jars, and induction coils are all covered in this rarely seen volume. From the Franklin Institute Library. 592 pages. Very Good condition. Rare. $165.00

150. **TYNDALL, JOHN; Lessons in Electricity** . 1st edition, 1878. An early history of electricity, describing the use of the electroscope, history of the Leyden Jar, and use of electric light in a vacuum. Illustrations show many electrical experiments employing vintage apparatus. 113 pages. 58 illus. Good + condition. Rare. $65.00

151. **UNDERHILL, CHARLES R.; Magnets** . 1st edition, 1924. A practical treatise on electromagnetic devices, their circuits, and the specific forms and characters of electromagnets and permanent magnets employed. The most comprehensive work on the subject. 468 pages. 467 illus. Very Good condition. Scarce. $20.00

152. **WESTON ELECTRICAL INSTRUMENT CO.; Principles of Permanent Magnet Movable Coil & Movable Iron Types of Instruments** . 1st edition, 1927. An excellent monograph by the premier builder of laboratory instruments. Beginning with an excellent historical outline of electrical measuring intruments, it describes in detail their construction and use. There are 22 experiments, each well illustrated, at the end of the book. 95 pages. 58 illus. Very Good condition. Scarce. Softcover. $25.00

HISTORY OF RADIO

153. **ALTH, MAX; Collecting Old Radios And Crystal Sets** . 1st edition, 1977. Published for the novice collector, this book gives an outline on the history of radio, along with a chapter on components. It describes the manufacturers and how to operate & repair old sets. There is a price guide covering many early battery and early AC sets at the end of the book. 76 pages. 53 photos. Fine condition. Uncommon. Softcover. $20.00

154. **ARMY TIMES EDITORS; A History Of The United States Signal Corps** . 1st edition, 1961. This is the story of the Signal Corps, from its inception in 1861 during the Civil War, to the satellite technology of the 60's. Written in an excellent format, numerous photos are interspersed throughout the book making it a perfect reference for a historian. Includes an illustrated dust jacket that is chipped along the edges. 192 pages. Very Good condition. Scarce. $35.00

155. **BAARSLAG, KARL; SOS To The Rescue** . 1st edition, 1935. The story of shipwrecks and the wireless operators who were instrumental in saving thousands of lives through their unfailing devotion. The collision between the Republic and the Florida, sinking of the Titanic, and rapid foundering of the Empress of Ireland are only a few of the exciting disasters described herein. 310 pages. 16 photos. Fine condition. Rare. Dust Jacket. $45.00

156. **BAKER, W.J.; A History of The Marconi Company** . 1st edition, 1970. The official version of Marconi himself, along with the most complete history of the company that has been written up to this date. This is a fascinating treatise that belonging in every radio historian's library. 414 pages. 23 photos. 26 illus. Fine condition. Uncommon. Dust Jacket. $40.00

157. **BAXTER, JAMES PHINNEY 3RD; Scientists Against Time** . 1st edition, 1946. The revealing history of American scientists at war and the story of the death-dealing and lifesaving devices which contributed to victory in World War II. It reveals the official inside story of the OSRD and the work done on radar, weapons, medicine & the atomic bomb, written by the official historian of the OSRD. The dust jacket is great! 473 pages. 73 photos. Fine condition. Scarce. $40.00

158. **CLARKSON, R.P.; The Hysterical Background of Radio** . 1st edition, 1927. This is largely a compilation of anecdotes about 362 men who paved the way for the development of radio. The author provides a lighthearted summary of experimenters in electricity, arranged chronologically from Gilbert to Edison. 257 pages. Very Good condition. Uncommon. $25.00

159. **DOUGLAS, SUSAN J.; Inventing American Broadcasting 1899-1922** . 1st edition, 1988. An extensive history of wireless telegraphy from Marconi to the broadcast era. I personally recommend this to be the most accurate account of the development of pre 1922 wireless telegraphy. A comprehensive bibliography is included in this well written book. 363 pages. Fine condition. Common. Softcover. $25.00

160. **DUNLAP, ORRIN E. JR.; Radio's 100 Men Of Science** . 2nd edition, 1944. A superb volume containing a wealth of information and reference for both the general reader and the historian. Each biography is written as a personal story as well as a record of the unique contribution of each scientist. The best reference source of its kind. 294 pages. 98 photos. Very Good condition. Scarce. $55.00

161. **DUNLAP, ORRIN E. JR.; Dunlap's Radio And Television Almanac** . 1st edition, 1951. This seldom-seen almanac contains information on men, events, inventions, and dates which made history in electronics from the dawn of electricity to radar and television. An excellent reference volume including a detailed index of names and subjects providing a complete cross reference to the chronological history. 211 pages. 68 photos. Very Good condition. Uncommon. Dust Jacket. $25.00

162. **FAHIE, J.J.; A History of Wireless Telegraphy 1838-1899** . 1st edition, 1900. The pioneer work in the history of wireless telegraphy, a first edition, first printing is rarely found. It includes a complete reprint of Marconi's patent from 1896, encompassing 25 pages. The researches of D.E. Hughes from 1879-1886 are also described, as well as many other 19th century pioneers. This is the second printing. 325 pages. 85 illus. Good + condition. Very Rare. $225.00

163. **GRAY, JACK; Bits of Wireless History** . 1st edition, 1969. An excellent description of the history of wireless, written by Jack Gray, a well-known radio historian and museum curator. This volume is illustrated with photos of rare wireless apparatus from his collection. 60 pages. 72 photos. Fine condition. Scarce. Softcover. $25.00

164. **GREENWOOD, HAROLD S.; A Pictorial Album of Wireless and Radio 1905 - 1928** . 1st edition, 1962. This is a nice copy of the first edition of what is now known as "Vintage Radio". This pictorial reference guide belongs on every radio collector's shelf, as it is profusely illustrated with 100's of photos of vintage wireless gear, transmitters, headphones, horns, parts, and vacuum tubes. A nice clean, tight copy. 223 pages. 999 photos. Very Good condition. Scarce. Softcover. $40.00

165. **IRE; IRE Proceedings 50th Anniversary Issue** . 1st edition, 1962. This massive, 2-inch thick volume contains many articles on the history of radio, as well as some very interesting outlooks on the future of radio and electronics. Probably the best issue of the IRE ever published. The rear cover has been repaired with tape. 1310 pages. Good + condition. Scarce. Softcover. $35.00

166. **JENSEN, PETER R.; In Marconi's Footsteps: Early Radio** . 1st edition, 1995. The author followed Marconi's travels to the sites where he performed early experiments, documenting early history through many photos of apparatus and the locations themselves. There has never been a book like this written before, it even provides descriptions on how the author reproduced a multiple tuner, 10" coil & magnetic detector! WOW! 176 pages. 211 photos. 65 illus. New condition. Common. Dust Jacket. $45.00

167. **LEWIS, TOM; Empire Of The Air- The Men Who Made Radio** . 1st edition, 1991. Empire Of The Air is a magnificent, superbly researched biography of three extraordinary men whose achievements changed our lives forever. The author traces the lives of Lee DeForest, David Sarnoff, and Edwin Howard Armstrong and their personal interactions. Includes many rare photos and an extensive bibliography. Signed by the author. 421 pages. 90 photos. Fine condition. Common. Dust Jacket. $20.00

168. **MAYES, THORN L.; Wireless Communication In The United States** . 1st edition, 1989. This "must have" book covers the early development of American radio operating companies and the inventors, engineers and promoters involved. It describes the huge spark & arc sending stations on ships and coast stations. As well as early apparatus and patent wars. Profusely illustrated! 242 pages. Very Good condition. Common. Softcover. $20.00

169. **MORGAN, JANE; Electronics In The West - The First Fifty Years** . 1st edition, 1967. This book concentrates on the early history and development of electronics in the western United States, primarily the San Francisco area. Philo Farnsworth, Lee DeForest, Hewlett, and Packard are just some of the important men covered in this volume. Includes a nicely illustrated dust jacket. 194 pages. 70 illus. Fine condition. Scarce.$40.00

170. **NATIONAL GEOGRAPHIC; Those Inventive Americans** . 1st edition, 1971. This wonderful book portrays the work of famous American inventors and how they changed the character of our country. There are hundreds of rarely seen photos in color and black & white. Steam, electricity, telegraphy, aeronautics, transportation and electronics are but some of the many subjects covered. A colorful coffee table book. 231 pages. Fine condition. Uncommon. Dust Jacket. $20.00

171. **RADIO CLUB OF AMERICA; The Legacies Of Edwin Howard Armstrong** . 2nd edition, 1991. Absolutely the most complete compilation of original articles and photos on Armstrong. Significant events in his life and work are highlighted, along with hundreds of photos, many I've never seen before. The cover has a few light marks on it. A must for the historian's bookshelf! 321 pages. Very Good condition. Common. Softcover. $25.00

172. **RYDER, JOHN D. AND FINK, DONALD G.; Engineers & Electrons** . 1st edition, 1984. The story of the technical development of electricity, It contains hundreds of rarely seen photos from the archives of the IEEE library. A detailed bibliography is present at the end of each chapter. Published by the IEEE Press, this is a highly recommended history of the electrical field. 251 pages. Fine condition. Uncommon. Dust Jacket. $35.00

173. **SCHUBERT, PAUL; The Electric Word: The Rise Of Radio** . 1st edition, 1928. A narrative of the rise of radio from the discovery of Hertzian waves to its position of eminence in 1928. Principally concerned with the practical use of radio as a system of communication, adequate attention is given to the scientific aspects of the subject. Includes a nice illustrated dust jacket. 311 pages. Fine condition. Scarce. $45.00

174. **SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors** . 1st edition, 1991. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most comprehensive reference on the subject, it is now out of print. 282 pages. 750 illus. Fine condition. Common. Softcover. $35.00

175. **SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors Volume 2** . 1st edition, 1995. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a radio lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most accurate & comprehensive reference book on Crystal sets. All new Info! 252 pages. 350 photos. 160 illus. New condition. Common. Softcover. $30.00

JUVENILE

176. **CHAPMAN, ALLEN; The Radio Boys In Gold Valley** . 1st edition, 1927. This is the last of the Chapman series, and is a nice tight copy with an excellent colorful dust jacket. Slight stain on the bottom of the cover. 222 pages. Very Good condition. Rare. $40.00

177. **ELLIS, EDWARD S.; The Telegraph Messenger Boy** . 2nd edition, 1904. Originally published in 1889, this is the one of the earliest juveniles written about a Western Union telegraph messenger and his exploits. Includes some fine illustrations and a colorful front cover. 263 pages. Very Good condition. Scarce. $30.00

178. **LAWRENCE, JOSEPHINE; Man in the Moon Stories As Told Over the Radio-phone** . 1st edition, 1922. Illustrated by Johnny Gruelle, this colorful book must be seen to be appreciated! An embossed color cover shows the man in the moon sending a message to two children with headphones. The stories represent the first broadcasted by radio and are both enjoyable and diverse. Includes some great color illustrations inside. A very nice copy! 121 pages. Very Good condition. Very Rare. $145.00

179. **TROWBRIDGE, JOHN; The Electrical Boy** . 1st edition, 1891. A very early fiction based on the subject of electricity. The cover is nicely illustrated and embossed. A rarely seen first edition, though the cover is stained and the spine is worn through along the side. 390 pages. Fair condition. Rare. $75.00

LIGHT BULBS

180. **ALGAVE, EM. & BOULARD, J.; THe Electric Light: It's History, Production and Applications** . 1st edition, 1884. Rarely does one ever see an early 1880's treatise on the electric light containing 251 illustrations! This fabulous history highlights many achievements by Edison, Swan, Maxim, Lane-Fox and Jablochkoff as well as their apparatus. A tight copy with new endpapers and moderate wear to the spine and covers. 458 pages. 252 illus. Good + condition. Very Rare. $215.00

181. **ALLSOP, F.C.; Practical Electrical Light Fitting** . 2nd edition, 1895. A treatise on the wiring and fitting up of buildings, and the laying down of private installations containing electric light apparatus. Profusely illustrated with many different types of light bulbs and fixtures, both Arc and Incandescant. 275 pages. 221 illus. Good + condition. Scarce. $45.00

182. **ATKINSON, PHILIP; The Elements of Electric Lighting** . 7th edition, 1892. An early book on the subject, presenting much information on electric units, dynamos, arc lamps, incandescent lamps, measuring devices, etc. Contains many illustrations of early electrical apparatus. 259 pages. 102 illus. Very Good condition. Scarce. $35.00

183. **AYRTON, MRS. HERTHA; The Electic Arc** . 1st edition, 1901. This classical treatise was the result of numerous experiments performed by Mrs. Aryton. A fine history of the arc is included, along with the various properties which affect its efficiency. The author had the honor to become the first woman member of the IEE. Poulson and Duddell consulted this in their work on wireless telephony. Soiled cov 479 pages. 146 illus. Good + condition. Rare. $65.00

184. **EDISON ILLUMINATING COMPANIES (PUBLISHER); "Edisonia"** . 1st edition, 1904. A brief history of the early Edison electric lighting system published for the visiting foreign dignitaries to the St. Louis International Electrical Congress held at the World's Fair in 1904. It consists of a catalog showing many rare lamps from the "W.J. Hammer" collection, as well as photos of the Edison displays at the fair. A Super item! 213 pages. 105 illus. Very Good condition. Very Rare. $165.00

185. **FRIEDEL, ROBERT AND ISRAEL, PAUL; Edison's Electric Light: Biography Of An Invention** . 1st edition, 1986. This is the first study of Edison's inventions to draw fully on the wealth of the Edison Archives at his laboratories in West Orange, New Jersey. Lab notebooks, drawings, letters, patent disclosures and newspaper stories enable the authors to give an almost day-by-day account of those astonishing four years. Profusely illustrated! 263 pages. Fine condition. Uncommon. Dust Jacket. $40.00

186. **HOLMES, A. BROMLEY; Practical Electric Lighting** . 4th edition, 1889. An early title encompassing all areas of electric lighting. Arc lamps, incandescent lamps, dynamos and associated measuring instruments are described in detail. The covers are somewhat stained, not affecting the contents. The first copy we've seen! 183 pages. 88 illus. Fair condition. Rare. $35.00

187. **HOUSTON, EDWIN AND KENNELLY, A.E.; Electric Arc Lighting** . 1st edition, 1896. An early history of arc lighting including its elementary principles and applications. Profusely illustrated with many early arc lamps, both for the home and industry. The author, along with Elihu Thomson founded the Thomson-Houston company, one of the pioneering companies in arc lighting technology. 383 pages. 155 illus. Very Good condition. Rare. $85.00

188. **MITCHELL, SYDNEY A. MITCHELL; S.Z. Mitchell and The Electrical Industry** . 1st edition, 1960. Mitchell installed the first incandescent lighting on a U.S. Navy vessel, the U.S.S. Trenton in 1883. This book covers much of the early history of Edison and his electric light companies in the Northwest, where Mitchell worked as the exclusive agent for the Edison Co. Ex- Library 178 pages. 9 photos. Very Good condition. Scarce. $20.00

189. **POPE, FRANKLIN LEONARD; Evolution of the Electric Incandescent Lamp** . 1st edition, 1889. The first book written on the history of the electric light, it includes the early work of Sawyer and Man, and Edison, & describes the commercial uses of the incandescent lamp. A must for every lamp collector's bookshelf. An excellent copy from the Smithsonian Institution Library. 91 pages. 20 illus. Very Good condition. Rare. $95.00

MEDICAL ELECTRICITY

190. **BEARD, GEORGE M., AND ROCKWELL, A. M.; Medical and Surgical Uses of Electricity** . 1st edition, 1871. A classical treatise comprising an extensive study of the many early applications of electricity. Possibly the most thorough treatment of the day, the text is accompanied by numerous woodcuts of apparatus. The covers are worn and the spine has been replaced. This is the only 1st edition we've seen. 698 pages. 102 illus. Fair condition. Very Rare. $95.00

191. **HOUSTON, EDWIN J. AND KENNELLY, A.E.; Electricity In Electro-Therapeutics** . 2nd edition, 1903. A rarely seen title on medical electricity written by well known authors. Contains many drawings and half tones of early apparatus including X-Ray tubes, static machines and induction coils. The back cover has a small stain at the bottom. 452 pages. 147 illus. Good + condition. Rare. $115.00

192. **MONELL, S. H.; High Frequency Electric Currents In Medicine and Dentistry** . 1st edition, 1910. This book provides a general consideration of electrical currents of high frequency and high potentials, as well as a description of the instruments contributing to their medical usefulness. The treatment of certain diseases by use of the quack medical machines is discussed. Has some super Tesla photos! The first five pages are slightly stained 465 pages. 32 photos. Good + condition. Rare. $95.00

193. **WHITE, WILLIAM; Medical Electricity** . 1st edition, 1869. A manual for students showing the scientific and rational applications for all forms of acute and chronic disease. Different combinations of electricity, galvanism, electro-magnetism, and magneto-electricity are described. 191 pages. Good + condition. Rare. $75.00

MOTORS/DYNAMOS

194. **GENERAL ELECTRIC CO.; General Data On Thomson Watthour Meters** . 2nd edition, 1912. This volume is filled with many illustrations of early watthour meters designed by Elihu Thomson. Shown also are hookup diagrams for the various types of meters. A very early book on the subject. 381 pages. Very Good condition. Scarce. $35.00

195. **HOUSTON, EDWIN & KENNELLY, A.E.; The Electric Motor and The Transmission Of Power** . 1st edition, 1896. An early history of the electromagnetic motor, covering all types and classes of motors, including A.C. and continuous current. Many oddball motors and their associated apparatus are described and illustrated. 377 pages. 122 illus. Very Good condition. Rare. $85.00

196. **WESTINGHOUSE ELECTRIC COMPANY; Handbook of Westinghouse Watthour Meters** . 1st edition, 1923. This book provides complete technical information on Westinghouse Watthour Meters, along with the historical development of the induction watthour meter. Many photos of early meters are shown, including the Edison Chemical meter. 160 pages. 288 illus. Very Good condition. Scarce. Softcover. $20.00

MOTION PICTURES

197. **LINDSAY, VACHEL; The Art of The Moving Picture** . 2nd edition, 1922. This book covers all aspects of the photoplay, including trick pictures and stage setting. It describes how the motion picture industry moved to California. Censorship is also discussed, as well as the use of the movie house as a substitute for the saloon! 289 pages. Good + condition. Rare. $35.00

198. **THE AMERICAN SOCIETY OF CINEMATOGRAPHERS INC.; Cinematographic Annual 1930** . 1st edition, 1930. This is issue #1, of what was to become the most valuable publication pertaining to motion pictures. There were only 87 members in the Society Of Cinematographers in 1930, so I suspect very few were printed. The evolution of the camera & film are covered, as well as many other aspects as motion pictures. Includes 100's of photos! 606 pages. Good + condition. Very Rare. $125.00

MISCELLANEOUS

199. **GAINES, HELEN FOUCHE; Cryptanalysis** . 1st edition, 1956. This is a study of cyphers and their solutions and was formerly published under the title "Elementary Cryptanalysis" in 1939. It is a Dover edition augmented for the first time with solutions to all cryptograms prepared by Max Katz & Geoffrey Mott-Smith. This important title played a large role in WW II & was reprinted many times. 237 pages. Very Good condition. Rare. $45.00

200. **GIVIERGE, GENERAL M.; Cours de Cryptographie** . 3rd edition, 1936. An interesting French text on codes and cyphers. Published by Berger - Levrault, it includes polygrams, substitutions, superpositions and various alphabets. The last chapter discusses different types of cypher machines. A nice copy of a rare title, one of the first of its kind and used extensively during World War II. 304 pages. Very Good condition. Rare. Softcover. $85.00

201. **JAMES, ADMIRAL SIR WILLIAM; The Code Breakers Of Room 40.** . 1st edition, 1956. The story of Admiral Sir William Hall, the genius of British counter- intelligence, who during the first "wireless war"; World War I, led the English codebreakers in their fight against Germany. A compelling history of British Naval Intelligence during WW I. 212 pages. 8 photos. Good + condition. Scarce. $35.00

202. **NORMAN, BRUCE; Secret Warfare; The Battles of Codes & Ciphers** . 1st edition, 1973. A history of codes and ciphers from the time of the Greeks to the present day, with an emphasis on secret intelligence as it developed in this century. Early and basic code techniques are thoroughly explained just as they were used in actual situations, including the role they played in WW II. 187 pages. 36 illus. Very Good condition. Uncommon. Dust Jacket. $30.00

Miscellaneous

203. **PRATT, FLETCHER; Secret and Urgent: The Story of Codes and Ciphers** . 1st edition, 1942. An accurate history of the art of secret messages; how they are written and how they are decoded. This book is packed with facts and fantasies of cryptography which since ancient days has played a important part in the history of the world. It includes an appendix of tables on the frequencies of letters, bigrams and trigrams. 282 pages. Very Good condition. Scarce. Dust Jacket. $25.00

204. **THOMAS, PAUL B.; Secret Messages: How To Read and Write Them** . 1st edition, 1928. This is an interesting volume on cryptography, and is written with the novice in mind. It covers substitution and transposition cyphers, as well as solving unknown cyphers. Multi-alphabet and the Morse telegraphic system are also dealt with. A great book to get started in secret letter writing with! 137 pages. Very Good condition. Scarce. $35.00

PHONOGRAPH

205. **DU MONCEL, COUNT; The Telephone, The Microphone, and The Phonograph** . 1st edition, 1879. A first English edition of the famous treatise covering the telephone, microphone and phonograph. Included are all the various systems of telephones and phonographs developed up to the time. Many engravings of early apparatus are portrayed. This is a nice tight copy with a paper label on the spine. 277 pages. 74 illus. Very Good condition. Rare. $175.00

206. **GELATT, ROLAND; The Fabulous Phonograph; From Tin Foil to High Fidelity** . 1st edition, 1955. An excellent history of the phonograph, including fine descriptions of the many different styles. The history provides an insight into how the original ideas led to the development of the electrically operated phonograph. An extensive chronology accompanies the numerous photos. A landmark book on the subject. Includes a nice illustrated dust jacket. 320 pages. 32 photos. Very Good condition. Scarce. $40.00

POST 1930 RADIO

207. **EDDY, MYRON F.; Aircraft Radio** . 1st edition, 1931. The first textbook devoted solely to aircraft radio, containing a brief history. Also covered are many Western Electric, RCA, Marconi, and Stromberg Carlson receivers and Xmitters. This is a presentation copy signed by the author. 284 pages. 68 illus. Very Good condition. Scarce. $30.00

208. **EDDY, MYRON F.; Aeronautic Radio** . 1st edition, 1941. This textbook continued along the lines of Eddy's "Aircraft Radio", adding a chapter on instrument landing. Also covered are many Western Electric, RCA, and Bendix recievers and Xmitters as well as radio direction finding equipment just prior to World War II. Contains many schematic diagrams of early aircraft radios. 502 pages. 178 illus. Very Good condition. Uncommon. $25.00

209. **EVERITT, WILLIAM LITTELL; Communication Engineering** . 1st edition, 1932. A well balanced course in theory and applications of the various circuits making up radio transmitters and receivers. At the end of each chapter there is a concise bibliography. 567 pages. 335 illus. Very Good condition. Uncommon. $15.00

210. **FINK, DONALD G. AND MCKENZIE, ALEXANDER A.; Electronic Engineers' Handbook** . 1st edition, 1975. A large compilation of essential principles, data, and design information on components, circuits, equipment, and systems relating to electronics engineering. A companion to the Standard Handbook for Electrical Engineers, it includes 340 tables, 2000 illustrations, and 2500 bibliographic entries. THE book for the circuit designer! 2130 pages. 999 illus. Fine condition. Uncommon. $45.00

211. **GHIRARDI, ALFRED A.; Modern Radio Servicing** . 1st edition, 1935. This is THE service manual for the radio recievers of the 1930's and 40's. Simply the best book written on troubleshooting and repairing early AC sets. 1318 pages. 706 illus. Very Good condition. Common. $20.00

212. **GHIRARDI, ALFRED A.; Radio Field Service Data** . 2nd edition, 1936. This rarely seen book is noted as the companion volume to "Modern Radio Servicing". As a supplement, it presents practical service information on hundreds of different receivers, from Atwater Kent to Zenith. In loose-leaf form, this is the first time we've seen this title! 402 pages. 70 illus. Good + condition. Rare. $35.00

213. **HICKS, H.J.; Principles and Practice Of Radio Servicing** . 2nd edition, 1943. Included in this helpful book are the fundamentals of radio along with great chapters on radio tubes, test equipment, amplifiers, power supplies, loudspeakers & tone control circuits. An extensive chapter on PA systems & microphones provides a fine addition. 391 pages. 311 illus. Good + condition. Uncommon. $15.00

214. **HUND, AUGUST; Frequency Modulation** . 1st edition, 1942. This is an engineering text on frequency modulation which covers both basic principles and design of commercial apparatus. Transmitters, receivers, aerials, etc. are all fully explained. An extensive bibliography is included at the end of the book. 375 pages. 113 illus. Very Good condition. Common. $10.00

215. **MALLORY CO.; Mallory Radio Service Encyclopedia** . 1st edition, 1937. A nicely illustrated encyclopedia, with the statement on the cover: "Limited Edition". This book was designed to help the service man in the radio field. It contains information on various circuits as well as components and tubes. 216 pages. Very Good condition. Uncommon. $15.00

216. **MARCUS AND LEVY; Elements of Radio Servicing** . 1st edition, 1947. A dynamic overview of basic radio servicing practices, specifically restricted to the superheterodyne. Its various stages are analyzed and remedies given, using simple, practical advice. Many drawings accent the text. One of the best all-around titles on radio repairing. 475 pages. 397 illus. Good + condition. Uncommon. $20.00

217. **MARCUS, WILLIAM AND LEVY, ALEX; Practical Radio Servicing** . 2nd edition, 1963. The Sherlock Holmes approach to radio servicing. A practical guide to trouble-shooting which aids the serviceman in reaching a quick logical analysis. This is probably one of the best books written on the subject of using test instruments to troubleshoot the radio receiver. 624 pages. 513 illus. Fine condition. Uncommon. Dust Jacket. $20.00

218. **MARCUS, WILLIAM AND LEVY, WILLIAM; Elements Of Radio Servicing** . 3rd edition, 1967. A presentation of basic and necessary information together with a dynamic serviceman's procedure. From superheterodynes to FM receivers, a comprehensive guide for the radioman. Probably the best radio service book ever printed. 426 pages. Fine condition. Uncommon.$20.00

219. **MARKUS, JOHN; Television and Radio Repairing** . 1st edition, 1953. This volume was written by the feature editor of "Electronics" magazine, considered an expert in his field. Covers all areas of radio troubleshooting with a minimum of theory and mathematics, containing simple step-by-step instructions for testing, repairing and replacing of parts. 556 pages. 287 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

220. **MORGAN, ALFRED; The Boys' First Book Of Radio And Electronics** . 1st edition, 1954. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations help to make it a simple process to build your own radio receiver, a thorough explanation is given of the principles by which they operate. 229 pages. Very Good condition. Scarce. $30.00

221. **MORGAN, H.K.; Aircraft Radio And Electrical Equipment** . 2nd edition, 1941. The most complete text on aircraft radio I've seen. The fundmentals of both transmitters and receivers are covered in depth, including direction finders and UHF equipment. Many individual commercial aircraft receivers are described, as well as schematics, parts lists and specs; RCA, Western Electric, and Bendix to name a few. 374 pages. 213 illus. Very Good condition. Scarce. $40.00

222. **SANDRETTO, P.C.; Principles of Aeronautical Radio Engineering** . 1st edition, 1942. An early book on the subject, published around the advent of WWII. Fundamental principles are discussed, giving specific emphasis to aeronautical applications. Aeronautical radio systems design is explored in depth. Direction finding, instrument landing and radio beacons are covered in depth. 414 pages. 228 illus. Very Good condition. Uncommon. $20.00

223. **STERLING, GEORGE E.; The Radio Manual** . 4th edition, 1950. A profusely illustrated manual, including many photos of early commercial transmitting and receiving equipment. This book specializes in aeronautical and maritime electronics such as radio direction finders and auto alarms. An extensive chapter on television is provided as well as FM & broadcast studio equipment. 890 pages. 584 illus. Very Good condition. Uncommon. $30.00

224. **TERMAN, FREDERICK E.; Radio Engineers Handbook** . 1st edition, 1943. The reference book for the radio engineer circa 1940's. All aspects of radio are covered, especially both transmitters and receivers. Audio amplifiers are included as well as antennas, propagation and circuit theory. 1019 pages. 945 illus. Very Good condition. Common. $15.00

225. **TERMAN, FREDERICK EMMONS; Radio Engineering** . 2nd edition, 1937. This book presents a comprehensive engineering treatment of important vacuum tube and radio phenomena. Included are antennas, amplifiers, sound equipment, and radio transmitters. This edition contains a chapter on electronic television. From the Teleglobe Canada library. 813 pages. 474 illus. Very Good condition. Common. $15.00

226. **TERMAN, FREDERICK, AND PETTIT, JOSEPH M.; Electronic Measurements** . 2nd edition, 1952. A comprehensive engineering text, concentrating on measuring problems encountered in the radio field. All circuits and techniques are discussed in depth, with many experiments explained in detail. This is the later edition of Terman's "Measurements In Radio Engineering". 707 pages. 643 illus. Fine condition. Common. $20.00

PHYSICS

227. **DOLBEAR, A.E.; Modes Of Motion** . 1st edition, 1897. The subtitle is Mechanical Conceptions Of Physical Phenomena. Topics discussed include the ether, induction, electro-magnetic waves and magnetism. The cover is embossed in gold with an illustration of a coal pile connected to a steam engine, to a dynamo, to an arc lamp. Some wear to the covers. From The Franklin Institute Library. 119 pages. 16 illus. Good + condition. Rare. $50.00

228. **HELMHOLTZ, HERMAN VON; Popular Scientific Lectures** . 1st edition, 1873. A series of lectures by Helmholtz intending to give the general public an intelligent interest in science. The lectures range from 1853 through 1869 and cover a wide variety of subjects including sound , vision, force, and other important areas of physics. Fine engravings are portrayed. Has a new binding wih original spine & covers laid on. 397 pages. 51 illus. Good + condition. Rare. $75.00

229. **HERTZ, HEINRICH; The Principles of Mechanics** . 1st edition, 1899. Hertz's last work, this book encompasses an investigation of the laws of mechanics, expanding on the thoughts of Newton's laws of motion, etc. This is a 1956 Dover reprint of an exceedingly rare title, with an introduction by Helmholtz. 272 pages. Very Good condition. Very Rare. Softcover. $20.00

230. **MILLIKAN, ROBERT A.; The Electron** . 2nd edition, 1926. This book discusses the electron,its isolation and measurement & the determination of some of its properties. A beautiful copy of a hard to find book written by a pioneer in the field. 293 pages. 41 illus. Fine condition. Scarce. $25.00

RADAR

231. **BELL TELEPHONE LABORATORIES; Radar Systems and Components** . 1st edition, 1952. This volume is the result of the work done by Bell Telephone Labs during World War II, originally listed as papers in the Bell System Technical Journal. It was Bell Labs and MIT who shared the responsibility of the research and development of radar in the U.S.. In new condition with a very good dust jacket. 1042 pages. 46 photos. 278 illus. Fine condition. Scarce. $35.00

232. **FINK, DONALD G.; Radar Engineering** . 1st edition, 1947. This book covers the theory and practice of radar technology describing various radar systems developed and used during the World War II. It also explains in technical detail the design of specific apparatus used in radar equipment. 644 pages. 471 illus. Fine condition. Uncommon. Dust Jacket. $25.00

233. **FORUNO ELECTRIC CO.; Japanese Radar Log** . 1st edition, 1950. A very unusual book with "radar log" in gold letters on the front cover. Inside are different types of forms that would be filled in by the radar operator, and are listed in both English and Japanese. The date given is approximate, I could find no indication of a publishing date. An oblong book measuring 11 1/2" x 8 1/2", it's unused. 74 pages. Very Good condition. Scarce. $20.00

234. **HORNUNG, J.L.; Radar Primer** . 1st edition, 1948. A practical book on radar designed to give the reader an understanding of how it works and how it is used. Television, Loran, and sonar are covered, along with many photos and illustrations of vintage radar apparatus. 218 pages. 123 illus. Very Good condition. Uncommon. Dust Jacket. $25.00

235. **RIDER, JOHN F AND ROWE, G.C. BAXTER; Radar- What It Is** . 1st edition, 1946. Published directly following the war, this book gave the public a basic understanding of radar along with the essential parts of a radar system. Both writers served in WW II, in the signal service. The cover is somewhat faded. 72 pages. 62 illus. Good + condition. Scarce. Softcover. $20.00

236. **SNELL, ROY J.; Secrets Of Radar** . 1st edition, 1944. This is obviously the first fiction on the subject of radar, as it was published during World War II. Includes a nicely illustrated dust jacket. 243 pages. Very Good condition. Scarce. $25.00

237. **STAFF OF RADIO RESEARCH LABORATORY- HARVARD UNIVERSITY; Very High Frequency Techniques** . 1st edition, 1947. Contained in two volumes, this rarely seen set is the end result of Harvard's research during WWII into developing countermeasures against enemy Radar. Later applications providedimprovements for our own VHF applications. These volumes were organized and prepared by Dr. F.E. Terman. 1057 pages. Very Good condition. Scarce. $60.00

238. **WATSON-WATT, SIR ROBERT; The Pulse Of Radar** . 1st edition, 1959. This is the autobiography of Sir Watson-Watt, one of the inventors of radar. Here he recounts how he experimented through a veil of secrecy during WWII, and succeeded in producing the first radar stations. A very nice copy with slightly worn dust jacket. 438 pages. Very Good condition. Scarce. $55.00

SOUND/AUDIO

239. **(BBC); ROBERTSON, A.E.; Microphones** . 2nd edition, 1963. This book, originally written as a textbook for use in training BBC engineers, was made available by the BBC for general publication. The requirements for microphones in a broadcasting studio are described, as well as the design and characteristics of various types of mikes, including the ribbon, condensor, moving-coil and crystal. Very Nice! 357 pages. 15 photos. 167 illus. Very Good condition. Scarce. $55.00

240. **BEGUN, S.J.; Magnetic Recording** . 1st edition, 1951. A thorough engineering treatment of what was known then of magnetic recording- the theory, various types and makes of recorders, their applications, and performance measurements. The first comprehensive book on magnetic recording, it includes an excellent history on the subject, as well as an extensive bibliography. This is the 3rd prtng. 242 pages. 142 illus. Very Good condition. Scarce. Dust Jacket. $30.00

241. **BRIGGS, ASA; The History of Broadcasting in the United Kingdom** . 1st edition, 1961. This is Vol. I: The Birth of Broadcasting, of a three volume set. It is an authoritative account of the rise of broadcasting in the United Kingdom, set against the background of wireless developments in other parts of the world. Includes an extensive bibliography. Ex-library, in very nice condition. 425 pages. 50 photos. Very Good condition. Scarce. $45.00

242. **COLLISION, DAVID; Stage Sound** . 1st edition, 1976. An invaluable book for the sound technician, the first half of the book is devoted to an explanation of basic electronic and acoustic facts. The second half discusses the practical handling of sound equipment, the creation of live effects (live & recorded), and the application of different types of microphones and loudspeakers. Nice! 144 pages. 49 photos. 119 illus. Very Good condition. Scarce. $20.00

243. **COLLOMS, MARTIN; High Performance Loudspeakers** . 3rd edition, 1985. This book presents the subject of loudspeakers in a descriptive and graphical manner, with a minimum of mathematics, which should be comprehensible to a wide range of readers from professional loudspeaker designers to studio technicians and students. Includes much on crossovers & enclosures as well as an extensive bibliography. 313 pages. 189 illus. Fine condition. Common. Dust Jacket. $20.00

244. **GERNSBACK LIBRARY; Amplifier Builder's Guide** . 1st edition, 1948. Prepared by the editors of Radio Electronics, this book includes the theory and applications of power amplifiers as well as construction details for a number of different amps. 64 pages. 55 illus. Very Good condition. Uncommon. Softcover. $30.00

245. **HARLEY, ROBERT; The Complete Guide To High-End Audio** . 1st edition, 1994. Written by the consulting editor of "Stereophile" magazine, this is the first book that tells EVERYTHING you need to know about buying and enjoying hi-quality Hi-Fi. It provides all kinds of info either for tweaking your current system or purchasing an entirely new state of the art behemoth. It is currently in print at $39.95. 450 pages. 104 illus. Fine condition. Common. Dust Jacket. $25.00

246. **HOWARD W. SAMS; Audio Amplifers and Associated Equipment AA-3** . 1st edition, 1951. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Included are many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for all 3 volumes. 285 pages. Very Good condition. Scarce. Softcover. $75.00

247. **HOWARD W. SAMS; Audio Amplifers and Associated Equipment AA-4** . 1st edition, 1953. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Included are many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for all 4 volumes. 285 pages. Very Good condition. Scarce. Softcover. $75.00

248. **HOWARD W. SAMS; Audio Amplifers and Associated Equipment AA-6** . 1st edition, 1955. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Includes many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for all 6 volumes. 285 pages. Very Good condition. Scarce. Softcover. $75.00

249. **LANDEE, ROBERT W.; DAVIS, DONOVAN C.; & ALBRECHT, ALBERT P.; Electronic Designers' Handbook** . 1st edition, 1957. In this single volume, you have the theoretical and mathematical concepts of electronic circuit design, plus detailed and comprehensive design information and techniques. Included are all the necessary graphical and tabular data needed to carry out the design function, with many examples throughout on the design of amplifier circuits 1016 pages. 982 illus. Fine condition. Scarce. Dust Jacket. $55.00

250. **LANGFORD-SMITH, F.; Radiotron Designer's Handbook** . 4th edition, 1953. This famous handbook was prepared expressly for the radio set designer but is also an invaluable reference for audio engineers, experimenters and service mechanics. Profusely illustrated, this mammoth edition contains much on audio circuits, feedback, and radio freqency amps, the work of 10 authors and 23 collaborating engineers. A super book!! 1482 pages. 999 illus. Good + condition. Scarce. $95.00

251. **LANGFORD-SMITH, F.; Radiotron Designer's Handbook** . 3rd edition, 1941. This famous handbook was prepared expressly for the radio set designer but will be found invaluable to all radio engineers, experimenters, and service mechanics. 352 pages. Very Good condition. Common. $20.00

252. **OLSON, HARRY F.; Dynamical Analogies** . 2nd edition, 1958. A must for the Acoustical engineer, Olson devised a method to solve problems by comparing them to electrical circuits, and using these analogies in the development of electro-acoustic transducers. This edition includes new chapters on the fields of noise, distortion and feedback. A beautiful copy of an important book. 278 pages. 68 illus. Fine condition. Scarce. $55.00

253. **OLSON, HARRY F.; Applied Acoustics** . 1st edition, 1934. One of the first books written by the renowned RCA researcher, this rarely seen first edition embodies a theoretical analysis of the science of acoustics. Included are chapters on the microphone, loudspeakers and microphone calibration showing different types of ribbon mikes then in use. 430 pages. 228 illus. Fine condition. Rare. $65.00

254. **RAYLEIGH, LORD; Theory of Sound** . 2nd edition, 1926. An attractive two-volume set dedicated to combining the most important advances in the field as one major work. A classic reference which should occupy a space on the shelf of any serious audio engineer. This particular pair was reprinted in 1926 and came from the library of Herbert Erf, a pioneer in acoustics. 983 pages. 125 illus. Very Good condition. Rare. $95.00

255. **SINCLAIR, IAN R.; Audio Electronics Reference Book** . 1st edition, 1989. A summary, guide and celebration of the new state of audio, this book covers the subject of digital audio from the standpoints of the professional design and service engineer. Dedicated to Langford-Smith, it is the digital rendition of The Radiotron Designers' Handbook. Includes a chapter by Don Aldous on disc reproduction. 615 pages. 382 illus. Fine condition. Common. Dust Jacket. $55.00

256. **TREMAINE, HOWARD M.; Audio Encyclopedia** . 2nd edition, 1973. Simply put, The most comprehensive and authoritative reference volume on audio ever published, demonstrating thoroughly all phases of the subject. 1757 pages. 999 illus. Very Good condition. Scarce. $95.00

SCIENCE FICTION

257. **GERNSBACH, HUGO; Ralph 124C41+ A Romance Of The Year 2660** . 2nd edition, 1951. This is the second edition of what may be classified as a historic science fiction book. In it, Hugo presents a very accurate picture of what the future will be like, predicting such far out things as radar, solar energy, space travel, and a host of others. In beautiful condition with a rarely seen illustrated dust jacket! 207 pages. 16 illus. Very Good condition. Rare. $195.00

SCIENCE & TECHNOLOGY

258. **BURLINGAME, ROGER; Inventors Behind the Inventor** . 1st edition, 1947. A very unique book, giving credit to those unsung heroes behind the famous inventors we are all familiar with. The many inventions discussed include the steamboat, telegraph, steelmaking, the automobile, motion pictures, and a sampling of Edison's most important inventions. I highly recommend this book. 211 pages. 10 photos. Fine condition. Rare. Dust Jacket. $25.00

259. **BURNS, ELMER ELLWORTH; The Story of Great Inventions** . 1st edition, 1910. A straightforward account of the ideas and struggles leading to great historic inventions including Faraday's achievements, telephone, X-Ray ,telegraph and wireless. Though written to appeal to youths of the day , the numerous photos will hold the interest of adults as well. The embossed cover portrays many inventions including wireless. Ex-library 249 pages. 119 illus. Good + condition. Scarce. $20.00

260. **BURTON, E. F., AND KOHL, W. H.; The Electron Microscope** . 1st edition, 1942. An introduction to the electron microscope, beginning with the basic theories of light and the electron. A history of its discovery and development is provided as well as various applications of compound and electrostatic styles. Includes many photos of both equipment and subjects under the electron microscope. 233 pages. 110 illus. Very Good condition. Scarce. $30.00

261. **SCOTT, RUSSELL B.; Cryogenic Engineering** . 1st edition, 1960. A unique treatise presenting, accurately and in detail, the practical aspects of low-temperature processes and equipment as well as a careful discussion of underlying theory. This was published under a contract with the U.S. AEC Commision. Includes a nicely illustrated dust jacket. Anybody want to learn how to get frozen in time? 368 pages. 247 illus. Fine condition. Scarce. $20.00

262. **WIGHTMAN, W.P.D.; The Growth of Scientific Ideas** . 1st edition, 1953. From Thales to the present, the author follows the birth and development of the great ideas of science. He makes associations with the time periods, and the events which led to major discoveries. A fine reference for the science historian. 495 pages. 33 illus. Very Good condition. Scarce. Dust Jacket. $10.00

263. **WOODBURY, DAVID O.; The Glass Giant Of Palomar** . 1st edition, 1957. The human story behind American astronomy culminating in the world's largest telescope. One of the biggest engineering stories of the 20th century, this well written book details every step, including the many mistakes involved with producing a 200 inch telescope. Written by the author of Elihu Thomson's biography. Includes a defective dust jacket. 368 pages. 22 photos. Good + condition. Uncommon. Dust Jacket. $25.00

TELEPHONE

264. **(TRADE CATALOG); Northern Electric Co.** . 1st edition, 1915. This is designated General Catalog # 4. The date I have is approximate, as none was indicated in the text. This massive catalog includes everything imaginable having to do with the telephone. From phone booths to insulators, fire alarms, test instruments & lighting supplies-its all here! Covers are somewhat worn. 1119 pages. Good + condition. Rare. $85.00

265. **ATKINSON, J. (HERBERT & PROCTOR); Telephony** . 2nd edition, 1950. Originally published by Herbert & Proctor in 1906, Volume 1 provides a detailed exposition of the manual telephone exchange systems of the British Post Office. Volume 2, is concerned with automatic switching networks. A most comprehensive set on the theory, installation, and maintenance of telephone gear. A crisp set, Volume 2 has its DJ. 1384 pages. 808 illus. Very Good condition. Uncommon. $55.00

266. **BALDWIN, T.S.; Practical Telephone Handbook and Guide To Telephonic Exchange** . 1st edition, 1902. Outlining the history along with the theory and operation of the telephone, this book does a wonderful job in explaining the technical side of telephony. Including many photos and illus. of phones and equipment, the front cover is nicely embossed in silver with a pot-belly candlestick phone and its accessories. 179 pages. 53 illus. Very Good condition. Scarce. $35.00

267. **BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System** . 1st edition, 1984. The third volume of a series documenting the significant contributions of the Bell System to telecommunications technology, subtitled Communications Sciences (1925-1980). This book highlights such research activities as the adventure of an intercity phone call in the 20's to the huge amount of data that digital electronics sends. 521 pages. Fine condition. Uncommon. Dust Jacket. $25.00

268. **BELL TELEPHONE LABORATORIES; A History Of Engineering & Science In The Bell System- The Early Years 1875-1925** . 1st edition, 1975. Written and edited by Bell laboratory engineers and scientists, this authoritative book discusses the underlying motivations and long term significance of the scientific and technological achievements of the Bell system during its first fifty years. Contains hundreds of photos and illustrations of early telephone apparatus. 1073 pages. Fine condition. Uncommon. Dust Jacket. $45.00

269. **BELL TELEPHONE LABS; A History of Engineering & Science in the Bell System: Switching Technology** . 1st edition, 1982. The story of the development and growth of automatic telephone switching systems, from 1925-1975. The third volume of the series, documenting significant contributions by Bell Telephone to the field of science and technology. Includes an extensive chronology covering 1887 - 1979. 639 pages. 264 photos. 238 illus. Fine condition. Uncommon. Dust Jacket. $25.00

270. **BELL, ALEXANDER GRAHAM; The Mechanism Of Speech** . 6th edition, 1914. This rarely seen volume is the only book ever written by A.G. Bell. This book is the result of Bell's research in aiding the deaf, including his mother and wife. Contains many illustrations of the mouth, throat, and larynx in their relation to speech. 133 pages. Fine condition. Rare. $75.00

271. **BOTTONE, S.R.; Electric Bells and All About Them** . 5th edition, 1895. A thorough treatise on electric bells, from choosing the proper batteries to wiring and troubleshooting. The illustrations make the book a must for anyone having a strong interest in early telephony. 203 pages. 106 illus. Good + condition. Scarce. $30.00

272. **BYNG, M. & BELL, F.G.; A Popular Guide to Commercial and Domestic Telephony** . 1st edition, 1898. Published by the General Electric Co., this book was geared towards providing a general knowledge of telephone systems, in theory and in practice. Loaded with illustrations of telephones and switchboards, and two folding plates, it surely would have been a help to a telephone installer! 152 pages. 165 illus. Good + condition. Rare. $55.00

273. **CASSON, HERBERT N.; The History Of The Telephone** . 1st edition, 1910. This is a remarkable account of the history of one of our most treasured possessions, the telephone. The invention and its development are well researched throughout the book. 315 pages. 30 photos. Very Good condition. Uncommon. $25.00

274. **COON, HORACE; American Tel. & Tel.: The Story Of A Great Monopoly** . 1st edition, 1939. Basically a history of AT&T, from a standpoint of the stranglehold they had on the industry. An in-depth look at how they fought government ownership, the annexation of the Western Electric Co., and their monopoly over the phone lines which carried radio signals to various points around the U.S. Little underlining throughout the text. 276 pages. Good + condition. Scarce. $25.00

275. **DOLBEAR, A.E.; The Telephone** . 1st edition, 1877. The first book ever printed on the telephone. Contains directions for making a speaking telephone. The author, in 1882, produced a workable wireless telegraph apparatus which he patented. There is a slight dampstain in the middle of the pages, and the rear cover is slightly creased. A historical book for the discriminating collector. 128 pages. 17 illus. Good + condition. Extremely Rare. $145.00

276. **HARDER, WARREN J.; Daniel Drawbaugh - The Edison Of The Cumberland Valley** . 1st edition, 1960. A carefully researched volume, illustrated with one hundred photographs, diagrams and documents, offering an interesting view into the life and career of an almost forgotten individual who we might have called the inventor of the telephone. He fought Bell for eight years and lost the judicial decision by a vote of 4-3! 228 pages. Fine condition. Scarce. Dust Jacket. $35.00

277. **HOMANS, JAMES E.; ABC Of The Telephone** . 2nd edition, 1904. A practical and useful treatise for workers in telephony, giving a review of the development of the industry to 1900, and full descriptions of numerous valuable inventions and appliances, together with many illustrations, diagrams and tables. 335 pages. 268 illus. Good + condition. Scarce. $45.00

278. **JOHNSON, K.S.; Transmission Circuits For Telephonic Communication** . 1st edition, 1927. This volume was originally printed privately for use by Bell Telephone Labs. It has since evolved into a comprehensive study of theory and principles applicable to telephone circuit development & design. Telephone repeaters, wave filters and substation circuits are some of the areas covered. 326 pages. Good + condition. Scarce. $15.00

279. **LOCKWOOD, T.D.; Practical Information For Telephonists** . 2nd edition, 1888. One of the earliest books on the telephone, it presents many facts and figures about the speaking telephone, the Blake transmitter, telephone lines, switchboard, and batteries. The daily routine of the telephone inspector and the knowledge needed for repairs is also discussed. 192 pages. Good + condition. Very Rare. $95.00

280. **MCMEEN, SAMUEL G. AND MILLER, KEMPSTER B.; Telephony** . 2nd edition, 1922. A comprehensive and detailed exposition of the theory and practice of the telephone art. If one a book could cover everything about the telephone, then this might be it. Hundreds of half tones and line drawings of apparatus make this a great book for the collector. 943 pages. 682 illus. Very Good condition. Scarce. $45.00

281. **MILLER, KEMPSTER B.; American Telephone Practice** . 4th edition, 1905. This profusely illustrated volume covers the history and principles of all the early telephone receivers and transmitters, along with induction coils, switchboards, overhead and underground cable construction. Suprisingly a nice copy, as most were well worn. 888 pages. 643 illus. Good + condition. Scarce. $40.00

282. **MORETON, DAVID P.; Drake's Telephone Handbook** . 2nd edition, 1919. Written by a popular author of "How To" books, this volume covers the various aspects of the telephone from theory to practical application for the basic telephone man. A nice copy with many illustrations of vintage telephone apparatus. 286 pages. 161 illus. Very Good condition. Scarce. $25.00

283. **MOURLON, CHARLES; Les Telephones Usuels** . 2nd edition, 1885. A richly illustrated volume containing many engravings and full page plates of early telephone apparatus, both American and European. Early central switchboards are shown as well as a host of early microphones & related appliances. This is a presentation copy signed by the author & is nicely rebound in 3/4 blue cloth using the original printed wraps 324 pages. 146 illus. Good + condition. Very Rare. $145.00

284. **NEW YORK TELEPHONE COMPANY; The Eleventh Hour** . 1st edition, 1914. This small volume was distributed as a souvenir to visitors of the telephone company's central office. It relates an illustrated tale whereby an informal party was arranged and given using the services of the telephone. An interesting behind-the-scenes glimpse of the company, its apparatus and operation. 48 pages. 200 photos. Good + condition. Rare. $25.00

285. **PAINE, ALBERT BIGELOW; In One Man's Life: The Story Of Theodore N. Vail** . 1st edition, 1921. An excellent biography on the former General Manager of the American Bell Telephone Co. His many experiments on early telephony and leadership ability are thoroughly discussed here. The cover is nicely embossed, while the bookplate denotes that this was a gift from the A T & T Telephone Pioneers in 1921. 359 pages. 11 photos. Very Good condition. Scarce. $20.00

286. **RHODES, FREDERICK LELAND; Beginnings of Telephony** . 1st edition, 1929. This volume is probably the best history and reference book on early telephony written before 1930. The early Bell patents are thoroughly described, and many photos of early telephone equipment are included. Contains an excellent bibliography and appendices. This copy is in beautiful condition! 261 pages. 30 photos. 24 illus. Fine condition. Scarce. $55.00

287. **STEHMAN, J. WARREN; The Financial History of The American Telegraph and Telephone Company** . 2nd edition, 1967. Originally printed in small numbers in 1925, this classic was reprinted to satisfy the inquiries of modern day historians and economists. It begins with a detailed history of the telephone & its early financing, followed by the American Bell Telephone Co. under monopoly, competition and expansion. Includes a nice bibliography. 337 pages. Very Good condition. Scarce. $30.00

288. **WEBB, HERBERT LAWS; The Telephone Handbook** . 2nd edition, 1902. This book contains many illustrations and descriptions of the vintage transmitters, such as the Blake, Berliner, and Cuttriss. Also covered are early receivers, magneto bells, party lines, and long distance telephony. A great addition to any telephone library. 160 pages. 133 illus. Very Good condition. Scarce. $40.00

TELEGRAPHY

289. **(MANUSCRIPT); Signal Services Notebook** . 1st edition, 1916. This appears to be a notebook kept by Mr. F.D. O'Dell, who was training in the signal service in 1916. The Fullerphone is discussed in detail, along with German ciruits, French cable laying, etc.. There are many diagrams, some in elaborate water color, others which demonstrate telegraph line construction. A unique item from WWI. 338 pages. Good + condition. Very Rare. $45.00

290. **(TRADE CATALOG); J.H. Bunnell & Co.** . 27th edition, 1915. A rarely seen hardcover edition of catalog #27. This extensive catalog includes some lots of nice telegraph apparatus including insulators, keys, sounders, relays and even wireless apparatus. A revised price list is included as well as a Dealers' confidential price sheet. One add-on page has been pasted over another. 225 pages. Good + condition. Rare. $90.00

291. **ANGLO-AMERICAN CODE AND CYPHER CO.; Anglo-American Telegraphic Code** . 3rd edition, 1891. A complete cypher for use in general coorespondence including social, business and political. Arranged in alphabetical order, the volume encompasses all areas which could benefit from a rapid and secret transferral of infomation via telegraphy. 470 pages. Very Good condition. Rare. $35.00

292. **AULT, PHIL; Wires West: The Story Of The Talking Wires** . 1st edition, 1974. This is an exciting account of opening communications across the unpopulated expanses of the American Continent. It is filled with tales of inventions, train robberies, and ancedotes about the old time "brass pounders" who operated the telegraph system in the days of dot & dash. Many historic photos of equipment & stations are shown. X-lib. 176 pages. Very Good condition. Uncommon. $20.00

293. **BATES, DAVID HOMER; Lincoln In The Telegraph Office** . 1st edition, 1907. Recollections of the United States military during the Civil War. The author, who was the manager of the War Dept. telegraph office, and cipher operator during the Civil War, relates his experiences during these important times. A must for the telegraph historian's library. 432 pages. 23 illus. Very Good condition. Rare. $75.00

294. **BRIGHT, CHARLES; Submarine Telegraphy: Their History, Construction, And Working** . 1st edition, 1898. Written by the one man best suited through his own personal experience to detail an account of the laying of submarine cables. This is a 1974 Dover reprint from the George Shiers library, it includes very precise information on design and building of the Atlantic and Channel cables. The last chapter contains an early account of wireless telegraphy! 744 pages. 38 illus. Fine condition. Uncommon. $35.00

295. **CROTCH, ARTHUR; The Hughes and Baudot Telegraphs** . 1st edition, 1908. Though brief, this early treatise describes the best of the two systems, complete with illustrations and drawings. A scarce example written in the heyday of telegraphy by a renowned member of the field. There is a red ink stain on the foredge of the book, not affecting the text, otherwise it's a fine copy of a very scarce title. 83 pages. 41 illus. Good + condition. Rare. $45.00

296. **DIBNER, BERN; The Atlantic Cable** . 1st edition, 1959. This book traces the laying of undersea telegraph cables from the first expedition across the English Channel in 1851, through the many trials of the Transatlantic cable. Included are many fine illustrations and an excellent bibliography, as well as a folding map showing the routes of the various expeditions. 96 pages. 52 illus. Very Good condition. Uncommon. Softcover. $15.00

297. **FIELD, HENRY M.; History of the Atlantic Telegraph** . 3rd edition, 1893. A complete description of the original attempts to span the Atlantic with a telegraph cable and their many failures. Included is the formation of the Atlantic Telegraph Co., the first group to successfully complete the transatlantic cable. This edition tells the story the expedition of 1866 with a detailed report on the lost cable. 415 pages. Very Good condition. Rare. $55.00

298. **FLEGEL, GEORGE C.; The Telegraphers' Handbook** . 1st edition, 1894. A book of instructions and reference for telegraph operators, containing information relative to all the various parts of the electric telegraph, including the theory of the telegraph, care of instruments, testing, switches, batteries, etc. This is a presentation copy signed by the author! First time we've seen this title! 112 pages. 17 illus. Very Good condition. Rare. $75.00

299. **GARNHAM, CAPTAIN S.A. AND HADFIELD, ROBERT L.; The Submarine Cable** . 1st edition, 1935. The story of the submarine telegraph cable from its invention to 1935. The original designing and laying of the cable, and how cable-ships work is told in depth, including details and photos of the instruments used for actual communications at both ends of the cable. The front blank endpaper is missing. 242 pages. 26 photos. Good + condition. Scarce. $35.00

300. **GOVERNMENT PRINTING OFFICE; Memorial Of Samuel Finley Breese Morse** . 1st edition, 1875. A collection of historical anecdotes and acolades to commemorate Morse's contribution to humanity. One chapter deals with historic facts about Morse's electro-magnetic telegraph and its development. The cover is nicely embossed in gold picturing an early telegraph outfit, but is somewhat worn and spotted. First copy we've had! 359 pages. Good condition. Rare. $75.00

301. **HAUSMANN, ERICH; Telegraph Engineering** . 2nd edition, 1922. A reference book for practicing telegraph and telephone engineers. It describes many telegraphic devices and their operation including those used in modern overland and submarine telegraphy. Contains many fine illustrations of early equipment. 406 pages. 192 illus. Good + condition. Scarce. $35.00

302. **HAYES, JEFF W.; Autographs and Memoirs Of The Telegraph** . 2nd edition, 1916. An unusual volume filled with anecdotes, poems, half-tone photographs, and facsimile reproductions of autographs. The many contributors lend a distinctive personal touch, as they were part of the development of 19th century telegraphy. Since this is softover, the front cover is loose & the rear cover is missing. The author has signed his initials. 224 pages. 59 photos. 36 illus. condition. Rare. $30.00

303. **HUBBARD, GEOFFREY; Cooke And Wheatstone And The Invention Of The Electric Telegraph** . 1st edition, 1965. This work covers the invention and early exploitation of the electric telegraph. Many rare forms of the telegraph are shown and discussed, generally prior to the year 1845. A very informative book, including a nice dust jacket. 158 pages. 19 illus. Fine condition. Uncommon. Dust Jacket. $25.00

304. **I.C.S.; Telephone and Telegraph Engineers' Pocketbook** . 3rd edition, 1929. A handy reference book for all those interested in telegraph and telephone systems, location of faults, electricity, magnetism, electrical measurements and batteries. Profusely illustrated with many diagrams and equipment of the period. 361 pages. 285 illus. Very Good condition. Common. $10.00

305. **INTERNATIONAL CORRESPONDENCE SCHOOLS; A Treatise On Telegraphy** . 1st edition, 1901. This set of 4 Volumes is bound in 3/4 leather, with slight wear to the spines and edges. This is one of the most complete works on telegraphy of its time. Contains hundreds of illustrations of early telegraph apparatus and wiring diagrams. A must for the telegraph collector - historian. 2166 pages. Good + condition. Rare. $95.00

306. **JOHNSTON, W.J.; Lighning Flashes and Electric Dashes** . 3rd edition, 1882. A volume of choice telegraphic literature, humor, fun, wit, and wisdom. An unusual book depicting the humorous side of telegraphy accentuated by the many illustrations. An excellent historical account of Morse and the telegraph is included. 160 pages. Good + condition. Rare. $75.00

307. **JONES, WILLIS H.; Diagrams and Complete Information For Telegraph Engineers and Students** . 2nd edition, 1915. This interesting book contains diagrams of the most recent methods employed by electrical engineers in constructing, connecting, and arranging telegraph apparatus. A handy, up-to-date reference for this early time period. 464 pages. 234 illus. Good + condition. Scarce. $30.00

308. **KERBEY, MAJOR J.O.; The Boy Spy** . 1st edition, 1889. Possiblly the most factual account of the Civil War telegrapher in the field. A substantially true record of secret service during the war. Details are revealed in this seldom seen book which would have otherwise been lost to history. Many illustrations accompany the text. A large volume, with a nicely embossed cover showing the telegraphers. 556 pages. 33 illus. Very Good condition. Rare. $95.00

309. **MAVER, WILLIAM AND DAVIS, MINOR M.; The Quadruplex** . 1st edition, 1885. A detailed description of the Edison quadruplex system of telegraphy, with the circuit, and illustrations of the various telegraph instruments involved. Included are chapters on telegraph repeaters and the Wheatstone Automatic Telegraph. It's the first copy we've seen! 2 pages are somewhat stained. 128 pages. 63 illus. Good + condition. Rare. $125.00

310. **MAVER, WILLIAM JR.; American Telegraphy: Systems Apparatus Operation** . 2nd edition, 1899. This famous book by Maver contains all information on the various telegraph systems known up until that time. Included are galvanometers and stock tickers, fire alarm telegraphs, and the Edison Phonoplex system. The spine is slightly chipped at the top, but it is still the nicest copy we've had for sale. A landmark title with many engravings! 563 pages. 474 illus. Very Good condition. Rare. $165.00

"THE RAREST OF ALL TELEGRAPH TITLES"

311. **PLUM, WILLIAM R.; The Military Telegraph In The Civil War (2 Volumes)** . 1st edition, 1882. An incredible history, with a bird's eyes view of a time period not documented in any other form. This two volume set is so scarce that they've eluded many an historian for their entire lifetime! Both volumes are presentation copies from the author. Ex-library, Vol. 1 is missing the front blank endpaper and has a tear in 3 pages. 767 pages. 35 illus. Good + condition. Extremely Rare. $750.00

312. **POPE, FRANK L.; Modern Practice of the Electric Telegraph** . 13th edition, 1890. A handbook for electricians and operators of the electric telegraph with descriptions of the galvanic battery, electromagnetism, and telegraph circuits. Many fine illustrations and diagrams of early telegraph equipment are shown. 160 pages. 65 illus. Good + condition. Scarce. $55.00

313. **PRESCOTT, GEORGE B.; History, Theory, and Practice of the Electric Telegraph** . 1st edition, 1860. This book explains the principles and operations of various systems of telegraphy, including a history of electricity and electromagnetic theory. A classic volume on the early development of the telegraph, it portrays many fine illustrations of early telegraph and electrical apparatus. The title page was never bound in, a facsimile is included. 508 pages. 111 illus. Very Good condition. Rare. $75.00

314. **SMITH, T. JARRARD; The Philosophy and Practice of Morse Telegraphy** . 1st edition, 1910. Published by the Manhatten Supply Company, this is a primary rationale and practical guide for young telegraphers. In addition to teaching the basics of the Morse code, the science of telegraphic apparatus is fully covered. Included is a 10 page catalog listing various telegraph apparatus for sale. 50 pages. Good + condition. Rare. Softcover. $35.00

TRANSISTOR

315. **SHOCKLEY, WILLIAM; Electrons And Holes In Semiconductors** . 1st edition, 1950. A landmark work on solid state electronics, this is the first full length book published on the subject. Shockley's disclosure revolutionized the electronics industry, earning him the title of Father of the transister.A fine copy of this exceedingly rare volume, from the NCR Library. 558 pages. Very Good condition. Rare. $125.00

316. **WRIGHT, D.A.; Semiconductors** . 3rd edition, 1958. A elementary treatise on the properties of semiconductors. Of particular interest is an 8 page account of the transistor. Includes the dust jacket. 136 pages. 35 illus. Very Good condition. Scarce. $15.00

TESLA & HIGH VOLTAGE

317. **(AUCTION CATALOG) CHRISTIE'S AUCTION HOUSE; The Nicholas Webster Collection Of Geissler And Crookes Tubes** . 1st edition, 1991. This fabulous catalog contains the largest private collection of early electrical apparatus that has ever been offered for sale. Nearly every item is pictured, with 28 of them in full color! A total of 250 lots with 1,000 items are listed, including induction coils, X-Ray tubes, static machines, Crookes' tubes, galvanometers, & other super items! 54 pages. Fine condition. Uncommon. Softcover. $35.00

318. **ALLSOP, F. C.; Induction Coil And Coil Making** . 4th edition, 1902. This is a treatise on the construction and working of shock, medical and spark coils. Contains many beautiful illustrations of unusual spark coils and various electrical apparatus. Includes a chapter on X-ray photography. A highly recommended book for the high voltage freak! 172 pages. 125 illus. Very Good condition. Rare. $75.00

319. **COLLINS, A. FREDERICK; Design & Construction Of Induction Coils** . 1st edition, 1908. Written by a pioneer in wireless telegraphy, this book gives the construction details and many illustrations for 8 different induction coils, which range in size from 1/2" to 12". Meticulous care is given in each step to achieve the best possible results. This is a very nice copy of a rarely seen book. 272 pages. 155 illus. Very Good condition. Very Rare. $195.00

320. **CURTIS, THOMAS STANLEY; High Frequency Apparatus** . 2nd edition, 1920. This popular treatise covers the design and construction of all kinds of high frequency apparatus for use in experimental, medical, and plant cultivation work. Details for building a large Tesla coil and a large induction coil are included. 269 pages. 150 illus. Very Good condition. Scarce. $75.00

321. **DYER; Intensity Coils: How Made and How Used** . 17th edition, 1891. A curious little volume covering the induction coil, electric light, the telephone, the microphone, and the phonograph. Of special interest is the chapter; "Seeing By Electricity", where the action of selenium squares is thought to be useful for future pictures--Television. A 60 pg. catalog of scientific instruments is included, & has a color cover 79 pages. 68 illus. Good + condition. Rare. $95.00

322. **HALLER, GEORGE AND CUNNINGHAM, ELMER; The Tesla High-Frequency Coil** . 1st edition, 1910. The construction of the Tesla coil and its related apparatus is well described and illustrated in this seldom seen book. The uses of the coil, such as the X-ray and Geissler effect, are also discussed. A perfect book for the Tesla zealot, containing little mathematical theory, but much detail on the assembly of different coils. 119 pages. 56 illus. Good + condition. Very Rare. $130.00

323. **MILLER, SAMUEL C. AND FINK, DONALD G.; Neon Signs** . 1st edition, 1935. A complete picture of the manufacture of neon signs, their installation and maintenance. beginning with the fundamental process and operation, and developing into more advanced and intricate designs. Interspersed with many photos and illustrations of the pumping, bending and electrical equip. A classic work on the subject. 288 pages. 105 illus. Fine condition. Rare. $45.00

324. **MOORE, A.D.; Electrostatics- Exploring, Controlling, and Using Static Electricity** . 1st edition, 1968. This book covers the history, theory and uses of static electricity. It includes many detailed explanations & reviews early investigations by Ben Franklin, Michael Faraday and others. It also has extensive information on how you can build your own generators and perform your experiments using plexiglass materials. Great Book! 240 pages. 40 illus. Fine condition. Scarce. Dust Jacket. $45.00

325. **O'NEIL, JOHN J.; Prodical Genius; The Life Of Nikola Tesla** . 1st edition, 1944. The first biography of this great scientist and inventor. A hard to find copy of the first edition which describes all of his famous experiments with motors, wireless telegraphy, and high voltage that he performed throughout his long career. 326 pages. Fine condition. Scarce. $55.00

326. **PIKE, JOHN; Practical Induction Coil Construction** . 1st edition, 1908. A handbook of construction details and workshop methods used in building and repairing and repairing early spark coils. Contains many details on winding the coil, designing the interupter, building the condenser, and even fixing an open coil! The use of the spark coil in X-Ray work is covered in depth. Contains many nice illustrations. 96 pages. 36 illus. Good + condition. Rare. Softcover. $95.00

327. **STORM, MARGARET; Return of the Dove** . 1st edition, 1959. An unusual and scarce biography of Nikola Tesla. The author has an interesting point of view, elaborating on the genius & his encounters with various personalities, including other biographers. Privately printed by the author, a one-of-a-kind focusing on Tesla's cosmic influences. Includes a nice dust jacket. 294 pages. Very Good condition. Rare. $55.00

328. **TESLA, NIKOLA; Experiments with Alternate Currents of High Potential and High Frequency** . 2nd edition, 1904. A fine 2nd edition of Tesla's epical treatise on high potential and high frequency. To my knowledge, this is the only book that Tesla ever wrote. This edition covers Tesla's experiments on the transmission of electric energy without wires, with photos of his laboratories. 162 pages. 6 photos. 35 illus. Very Good condition. Very Rare. $145.00

329. **TESLA, NIKOLA; My Inventions: The Autobiography of Nikola Tesla** . 1st edition, 1982. This book was originally published in 1919 through a six part series of articles in the Electrical Experimenter. The introduction by Ben Johnston is exceptional, providing a biographical sketch which paves a way for Tesla's own reflections. His unusual exploits are described and illustrated, in an enjoyable format. A few passages are underlined 112 pages. 23 illus. Very Good condition. Scarce. Softcover. $20.00

330. **THOMPSON, SILVANUS P.; Polyphase Electric Currents and Alternate Current Motors** . 1st edition, 1895. A course of four lectures compiled in book form for use by students and engineers. The Tesla polyphase motor is covered in depth. An excellent bibliography is provided as well as a list of patents on the subject. Includes 2 folding plates at the rear. A beautiful copy! 261 pages. 171 illus. Very Good condition. Rare. $85.00

331. **TREVERT, EDWARD; How To Make And Use an Induction Coil** . 1st edition, 1896. An early treatise giving full instructions on how to construct and perform experiments using the coil for electrical or medical purposes. Trevert does mention using geissler tubes for effect but cautions the reader to buy them ready made! The covers are somewhat stained, but it's a nice copy otherwise, 81 pages. 36 illus. Good + condition. Rare. $65.00

TELEVISION

332. **(MCGRAW-HILL TELEVISION SERIES); CHINN, HOWARD; Television Broadcasting** . 1st edition, 1953. A comprehensive practical guide to the technical aspects of TV broadcasting including cameras, lighting, projection, recording and many other areas geared to interest those in the field. Includes a nicely illustrated dust jacket. 700 pages. 643 illus. Very Good condition. Scarce. $35.00

333. **(MCGRAW-HILL TELEVISION SERIES); DEUTSCH, SID; Theory and Design of Television Receivers** . 1st edition, 1951. This book fills the needs for a thorough coverage of television receiver engineering, provideing the principles of operation, mathematical theory, and design fundamentals. It embraces the antenna, internal systems, and picture tube, giving information on practically every type of circuit. 536 pages. 446 illus. Fine condition. Scarce. $40.00

334. **(MCGRAW-HILL TELEVISION SERIES); DOME, ROBERT B.; Television Principles** . 1st edition, 1951. A practical treatise on the principles and theory of television transmission and reception. This book effectively bridges the gap between radio theory & the practice of radio engineering in the specialized field of the television engineer. 291 pages. Fine condition. Scarce. Dust Jacket. $20.00

335. **(MCGRAW-HILL TELEVISION SERIES); FINK, DONALD G.; Television Engineering** . 2nd edition, 1952. This book provides a technical and practical treatment of methods and equipment, image analysis, camera tubes, scanning beams, video applications and the receiver. It enabled the technical worker to make a transition from familiarity with radio engineering to familiarity with television engineering. Color television is also covered in depth 721 pages. 512 illus. Fine condition. Scarce. Dust Jacket. $25.00

336. **(MCGRAW-HILL TELEVISION SERIES); GROB, BERNARD; Basic Television** . 1st edition, 1949. This text presents a comprehensive course in television receivers and transmitters for radio servicemen and technicians. It provides a practical description of television circuits and techniques embracing the difficult problems of television in a simplified way without loss of completeness or accuracy. 596 pages. 426 illus. Very Good condition. Scarce. Dust Jacket. $20.00

337. **(MCGRAW-HILL TELEVISION SERIES); WENTWORTH, JOHN W.; Color Television Engineering** . 1st edition, 1955. The first book on color television, written on an engineering level. Color television standards are listed and the various circuits used in receiver construction are shown and discussed. The RCA CT-100 color receiver is included, as well as some color illustrations. A very nice copy of hard-to-find title. 459 pages. 659 illus. Fine condition. Scarce. $45.00

338. **(VARIOUS AUTHORS); Electronics' Engineering Manual** . 1st edition, 1947. This is Volume V in the Electronics Engineering Manual Series. The articles were selected by the editors for their practical value in the electronics industry. Some interesting articles include:"Television receivers in Mass production", "Color television on UHF frequencies" and many others on sound reproduction and design & research. 252 pages. Very Good condition. Uncommon. $15.00

339. **APPLETON, VICTOR; Tom Swift And His Television Detector** . 1st edition, 1933. The first juvenile book printed in the U.S. relating entirely to television. 217 pages. Good + condition. Scarce. $20.00

340. **BBC; BBC Television - A British Engineering Achievement** . 2nd edition, 1961. This monograph was published on the 25th anniversary of the world's first regular television service by the BBC. It includes a brief history and development of TV, along with the current scene in the industry. Contains many nice photos. 64 pages. Good + condition. Uncommon. Softcover. $20.00

341. **COLLINS, A. FREDERICK; Experimental Television** . 1st edition, 1932. A rarely seen volume written by a pioneer experimenter in wireless telephony . A complete study is given of the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. The cover portrays an scanning disk transmitter and receiver. 313 pages. 185 illus. Very Good condition. Rare. $165.00

342. **D'ALBE, E. E. FOURNIER; The Moon-Element: An Introduction To The Wonders Of Selenium** . 1st edition, 1924. An important source book for mechanical television, surely used by Baird and Jenkins in their experiments with scanning disc TV. This arely seen book also gives a complete history of selenium. 166 pages. 32 illus. Very Good condition. Rare. $65.00

343. **DUNLAP, ORRIN E. JR.; Understanding Television** . 1st edition, 1948. Written by the author of The Outlook For Television, this book reveals the magic of television in a straightforward manner to the layman. Many photographs highlight the text, includes a glossary and short bibliography. Includes a chipped dust jacket. 128 pages. 40 illus. Very Good condition. Scarce. $25.00

344. **EDDY, WILLIAM C.; Television - The Eyes Of Tommorrow** . 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained and shown in the many photos. The television control room, studio, and stage are described in detail. There is even a chapter on color television! Includes a nicely illustrated dust jacket. 330 pages. Good + condition. Scarce. $45.00

345. **HAWLEY, GESSNER G.; Seeing The Invisible - The Story Of The Electron Microscope** . 1st edition, 1946. A well illustrated history of the electron microscope's development. Written for the enjoyment of the layman, without placing great emphasis on the technical aspects. A number of fine photos are included. The work of V. Zworykin in this field is included. 205 pages. 71 illus. Fine condition. Scarce. $30.00

346. **HUBBELL, RICHARD; Television: Programming & Production** . 1st edition, 1945. The purpose of this book is to provide a foundation for the techniques of television program production by analyzing the basic nature of TV, evaluating progess made, and suggesting practical ways to improve the techniques of TV. In effect, it is a sequel to his earlier book, 4000 Years of Television. 207 pages. 53 photos. 18 illus. Good + condition. Uncommon. Dust Jacket. $25.00

347. **HUGHES, ARTHUR L.; Photo-Electricity** . 1st edition, 1914. This book describes all forms of ionization by light. This was mostly obtained from a study of the photo-electric effect in solids and liquids. One of the first books written on the subject. 144 pages. 40 illus. Very Good condition. Rare. $25.00

348. **LYTEL, ALLAN; TV Picture Projection and Enlargement** . 1st edition, 1949. This book covers the technical development of optically enlarging the size of the TV screen. The principles of reflection, refraction and lenses are dealt with in an easy to read format. A chapter is devoted to various commercial TV receivers employing the projection method of enlarging the screen. Neat! 179 pages. 115 illus. Very Good condition. Scarce. Dust Jacket. $20.00

349. **MACGREGOR-MORRIS, J.T. & HENLEY, J.A.; Cathode Ray Oscillography** . 1st edition, 1936. This book covers the theory, practice, operation, and applications of the cathode ray tube as applied in testing purposes. An early book on the subject. Includes many photos of early CRT's and their associated equipment. 249 pages. 151 illus. Very Good condition. Scarce. $35.00

350. **MCARTHUR, TOM AND WADDELL, PETER; The Secret Life of John Logie Baird** . 1st edition, 1986. A controversial biography of the inventor who sent the first transmission of pictures to America. A new light is given to previously unheard of inventions credited to his outstanding vision & creativity. Includes an illustrated dust jacket. 274 pages. 14 photos. Fine condition. Uncommon. $35.00

351. **MOSELEY, SYDNEY; The Private Diaries Of Sydney Moseley** . 1st edition, 1960. The diary and life story of a renowned journalist who became involved with the technical and social development of television. As author of two early textbooks and numerous articles on television, he was in the right place to record many little known facts of John Baird and his early trials of sending pictures by wireless. Spine is slightly faded. 567 pages. 61 photos. Good + condition. Scarce. $50.00

352. **RIDER, JOHN; Encyclopedia On Cathode Ray Oscilloscopes And Their Uses** . 1st edition, 1950. A profusely illustrated, very large volume which presents a cross section of cathode ray oscilloscope theory and application. It covers the most significant uses of the oscilloscope, including repair, experimentation, and monitoring. 982 pages. Very Good condition. Uncommon. $25.00

353. **SETTEL, IRVING AND LAAS, WILLIAM; A Pictorial History of Television** . 1st edition, 1969. A richly illustrated volume which traces the complete story of television from the 19th Century to the late 1960's. This book documents television's influence on the American public. Includes a nice illustrated dust jacket. 210 pages. 300 photos. Fine condition. Uncommon. $20.00

354. **SHORTWAVE AND TELEVISION CORPORATION; The Romance and Reality of Television** . 2nd edition, 1930. A manual for the construction and operation of shortwave & television receiving sets. This colorful catalog is dated 1930, very early for the time. It gives instructions for installing a Baird system (Hollis Baird's). The cover is tricolored, showing the various uses for television, present and future. A super piece of television ephemera! 64 pages. 20 illus. Very Good condition. Very Rare. Softcover. $135.00

355. **TYLER, KINGDON S.; Telecasting And Color** . 1st edition, 1946. A rarely seen book on the first commercial undertaking of color television. The author was a construction engineer for CBS. This book describes the basic principles of color tv and contains many photos of early televisions, cameras, and equipment. 213 pages. 31 photos. 20 illus. Very Good condition. Scarce. . $40.00

356. **WATSON-WATT, R.A.; Applications of The Cathode-Ray Oscillograph in Radio Research** . 1st edition, 1933. A very early book on the CRT, this is the first time we've had a copy of the 1933 printing. It describes the technical properties and practical operation of television at the dawn of a new era. A nice history and bibliography is included. Ex-library. 290 pages. 17 photos. 111 illus. Good + condition. Rare. $95.00

357. **WHARTON, WILLIAM; METALFE, SHAUN; AND PLATTS, GEOFF C.; Broadcast Transmission Engineering Practice** . 1st edition, 1992. This book is primarily concerned with terrestrial radio and television broadcasting. It contains a unique blend of knowledge, experience and guidance on how to initiate, supervise and bring transmission engineering projects to fruition. Antennas. propagation, feeders and ciruit description are discussed. In print at $135! 279 pages. 132 illus. Fine condition. Uncommon. $35.00

VACUUM TUBES

358. **ALBERT, ARTHUR L.; Fundamental Electronics and Vacuum Tubes** . 1st edition, 1938. Using a wealth of excellent sources, the author takes the principles of vacuum tube technology and makes appropriate applications to areas such as amplification, modulation, and oscillation. Whenever possible, he shows cutaway views of tubes, with numerous schematics and drawings to augment the text. A fine learning text. 422 pages. 279 illus. Very Good condition. Uncommon. $20.00

359. **BANGAY, R.D.; The Oscillation Valve** . 1st edition, 1919. An early treatise on the vacuum tube. Covered are the Fleming Valve, Three Electrode Valve, and the application of the Three Element Vacuum Tube to wireless receiving and transmitting. A nice copy of a hard to find book. 215 pages. 110 illus. Very Good condition. Scarce. $35.00

360. **CHAFFEE, E.L. AND OTHERS; Electronic Circuits and Tubes** . 1st edition, 1947. Written by the electronics training staff of the Cruft Laboratory at Harvard University. This book presents the basic theory and applications of electronic tubes and electric circuits employed in conjunction with these tubes. A large volume containing much on vacuum tube technology. 994 pages. 824 illus. Very Good condition. Scarce. $20.00

361. **EASTMAN, AUSTIN V.; Fundamentals Of Vacuum Tubes** . 3rd edition, 1949. This inclusive text deals with thermionic tubes, RF and AF amplifiers, and their associated circuits. Includes much on the theory and applications, along with many illustrations. This editon contains extensive changes and additions to the chapter on audio frequency amplifiers. 644 pages. Very Good condition. Uncommon. $25.00

362. **EISLER ENGINEERING COMPANY; (Trade Catalog) Radio Tube Machinery and Its Application** . 1st edition, 1924. A rarely seen vacuum tube machinery catalog published by the inventor of the machines which manufacture the stemless tube & light bulbs. Nicely illustrated, it shows the various parts of vacuum tubes, with the machines which make them. Topics demonstrated include sealing, exhausting, bombarding, grid making, aging racks and vacuum pumps. 20 pages. 47 photos. 20 illus. Good + condition. Very Rare. Softcover. $115.00

363. **EISLER, CHARLES; The Million Dollar Bend** . 1st edition, 1960. This is the autobiography of the benefactor of the radio tube and lamp industry. A story of rags to riches, it sums up the life of the man responsible for the design of the machine that creates the "tipless stem" exhaust method for radio tubes & light bulbs. Includes many photos of radio tube manufacturing machines. Signed by Charles Eisler! 315 pages. 128 photos. 100 illus. Very Good condition. Very Rare. Dust Jacket. $95.00

364. **GENERAL ELECTRIC CO.; General Electric Electronics Tube Manuals (5 Massive Volumes)** . 1st edition, 1962. A collection of five loose-leaf bound volumes consisting of 2 on receiving tubes, 1 on transmitting tubes, 1 on Industrial type tubes and one on Special Purpose types! The largest set of tube manuals I've ever seen, the binders measure 10" x 11" & contain thousands of pages and weigh about 35 lbs! For the Elite Vacuum Tube Design Engineer! 9999 pages. Very Good condition. Very Rare. $245.00

365. **HENNEY, KEITH; Electron Tubes In Industry** . 2nd edition, 1937. This extensive text deals with thermionic tubes, amplifiers, light-sensitive tubes and applications, cathode-ray tubes, and miscellaneous tubes and circuits. Each chapter has its own bibliography. 539 pages. 400 illus. Very Good condition. Common. $20.00

366. **PETERS, LEO JAMES; Thermionic Vacuum Tube Circuits** . 1st edition, 1927. An excellent technical treatise dealing with the application of vacuum tubes in audio and RF circuits. 256 pages. 81 illus. Very Good condition. Uncommon. $15.00

367. **RADIO CORP. OF AMERICA; RCA Electron Tube Handbooks HB-3** . 1st edition, 1968. A collection of four loose-leaf bound volumes consisting of 2 on receiving tubes, 1 on transmitting tubes and 1 on Cathode ray tubes. The best set of RCA tube manuals available! This set is like new and includes some data sheets dated as late as Jan. 1968. Very desirable for the glass audio freaks who roll their own- they have lotsa curves! 1900 pages. Fine condition. Scarce. $165.00

368. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual** . 27th edition, 1970. This is RCA's type RC 27 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. We have a large selection of RCA tube manuals from RC 10 through RC 30, as well as the HB-3 looses leaf volumes and other large & desirable tube manuals- Just Ask! 672 pages. Very Good condition. Common. Softcover. $25.00

369. **REICH, HERBERT J.; Theory And Applications Of Electron Tubes** . 1st edition, 1939. Primarily a text for college students, this book should also prove valuable to engineers as a reference work. Its foundation is in the fundamental principles and analysis of electron tubes & their applications. Contains much on voltage, current and power amplifiers. 670 pages. Very Good condition. Uncommon. $20.00

370. **SEELY, SAMUEL; Electron-Tube Circuits** . 1st edition, 1950. This comprehensive volume developed from a series of courses taught by the author on tube circuits used during WWII. It covers fundamental properties and applications, with an emphasis on audio amplification as well as a variety of other areas including radar. 529 pages. 435 illus. Fine condition. Scarce. $20.00

371. **TERMAN, FREDERICK E.; Electronic and Radio Engineering** . 4th edition, 1955. This book presents a comprehensive treatment of important vacuum tube and radio phenomena. Chapters include information on circuit theory, voltage and power amplifiers, feedback, and distortion. A "must have" for the vacuum tube circuit designer. 1078 pages. Fine condition. Uncommon. $30.00

372. **TYNE, GERALD F. J.; Saga Of The Vacuum Tube** . 1st edition, 1977. This is a first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. 494 pages. Very Good condition. Common. Softcover. $35.00

373. **VAN DER BIJL, H.J.; The Thermionic Vacuum Tube** . 1st edition, 1920. This is the first thorough treatise done on the vacuum tube. All aspects are covered, including its use as an amplifier, oscillator, modulator, and detector. 391 pages. 232 illus. Very Good condition. Scarce. $25.00

374. **WITTS, ALFRED T.; Thermionic Valves In Modern Radio Receivers** . 1st edition, 1936. This book presents an outline of the theory, practice & application of vacuum tubes to circuits popular in the 1930's. Extensive attention is given to the use of the valve as an audio amplifier, describing output circuits and the use of push-pull design in the final stage. 192 pages. 114 illus. Fine condition. Scarce. $15.00

WIRELESS BOOKS<1920

375. **(PERIODICAL- BOUND VOLUME); Radio News Vol. II 1920 - 1921** . 1st edition, 1920. This bound volume matches the Vol. I that I sold in the last catalog. It is bound in the matching publishers' red cloth and includes the original covers & ads. Unfortunately most of the the cover from July has been torn away and the free endpapers are gone, but otherwise it's a nice volume of rare early magazines running from July 1920-June 1921 935 pages. 999 illus. Good + condition. Very Rare. $165.00

376. **BANGAY, R. D.; The Elementary Principles of Wireless Telegraphy** . 2nd edition, 1917. A complete treatise including all facets of wireless telegraphy and its associated circuits. Theory, practice and application of the various forms are easily understood by the layman. 212 pages. 132 illus. Very Good condition. Scarce. $20.00

377. **BOTTONE, S.R.; Wireless Telegraphy and Hertzian Waves** . 2nd edition, 1901. An exceedingly rare copy of one of the earliest treatises on wireless telegraphy. Containing many illustrations of primitive wireless gear, even Tesla's wireless boat is shown. Included is an excellent history on the subject. A very nice copy of an important book published at the dawn of wireless. 123 pages. 35 illus. Very Good condition. Very Rare. $145.00

378. **BUCHER, ELMER E.; The Wireless Experimenter's Manual** . 2nd edition, 1920. This work describes the design of wireless transmitting and receiving apparatus; their circuits & tuning along with many other special features. Included are numerous illustrations, diagrams and photos of early wireless gear. 341 pages. 273 illus. Good + condition. Common. $20.00

379. **BUCHER, ELMER E.; Practical Wireless Telegraphy** . 2nd edition, 1918. A complete textbook for students of wireless communication. Includes 334 photos and illustrations, along with many pages of descriptions of early Marconi receivers and spark transmitters. 336 pages. Good + condition. Common. $10.00

380. **BULLARD, CAPTAIN W.H.G.; Naval Electricians' Text Book, Volumes I and II** . 4th edition, 1917. Volume I highlights the theory behind wireless telegraphy. It contains chapters on wireless apparatus, especially describing and illustrating the WSA IP-76 and Cohen Type A receivers. Vol. II concentrates on the practical applications of motors, telephone systems, and fire control systems. A very clean example of this important set. 1386 pages. 842 illus. Very Good condition. Scarce. $85.00

381. **COLLINS, A. FREDERICK; Manual of Wireless Telegraphy and Telephony** . 3rd edition, 1913. A rarely seen edition containing much on the early days of wireless profusely illustrated with both transmitting and receiving instruments of a commercial nature. This third edition was limited to 1000 copies! Includes an appendix on wireless telephony, and a detailed bibliography of wireless books at the back of the book. 300 pages. 129 illus. Very Good condition. Rare. $95.00

382. **COLLINS, FRANCIS A.; The Wireless Man; His Work and Adventures On Land And Sea** . 1st edition, 1912. A very informative work on the subject of wireless, written primarily for the layman, but containing useful hints for the wireless operator. Illustrated with many close up photos of early equipment, and stations, mostly United Wireless Co. and Marconi Wireless Co.. 251 pages. 32 photos. condition. Rare. $45.00

383. **COLLINS, FREDERICK A.; Wireless Telegraphy-Its History, Theory and Practice** . 1st edition, 1905. Collins' famous work containing a complete history, chapter by chapter of transmitters, receivers, detectors, keys, and even 5 pages on wireless telephony! Probably the best all-around book of the period. A must for the bookshelf of any wireless historian! 299 pages. 122 photos. 200 illus. Good + condition. Very Rare. $215.00

384. **DOWSETT, H. M.; Wireless Telegraphy And Telephony: First Priciples, Present Practice And Testing** . 1st edition, 1920. This book explains the apparatus and instruments used in 1920, including arc and spark transmitters, crystal and valve receivers, and even direction finders. Many types of Marconi wireless gear are shown, with their respective circuit diagram and description. Probably the best reference for photos of early Marconi gear. Covers are soiled 331 pages. 305 illus. Good + condition. Rare. $75.00

385. **EDELMAN, PHILIP E.; Experimental Wireless Stations** . 1st edition, 1912. The theory, design, construction, and operation of experimental wireless stations including wireless telephony and quenched spark systems. This is the only copy of the 1st edition we've had for sale. The cover is slihjtly worn along the edges. 224 pages. 80 illus. Good + condition. Scarce. $35.00

386. **ERSKINE-MURRAY, JAMES; Wireless Telephones** . 2nd edition, 1911. A clear and concise picture of the research and development of the wireless telephone. Includes historical references throughout the chapters. Other than Ernst Rhumer's book, I believe this is one of the first accounts on the subject. The cover is nicely illustrated with a pair of wireless telephones. 68 pages. 17 illus. Very Good condition. Rare. $95.00

387. **FLEMING, JOHN AMBROSE; The Principles of Electric Wave Telegraphy and Telephony** . 4th edition, 1919. This famous work of Fleming contains all knowledge of the art of wireless up to WWI, including 198 pages on high-frequency currents and oscillations. There are hundreds of photos and illustrations, with many showing early stations and wireless equipment. 707 pages. Good + condition. Rare. $135.00

388. **FLEMING, JOHN AMBROSE; The Wonders of Wireless Telegraphy** . 1st edition, 1913. A much sought-after book which contains a non-technical description of all phases of wireless telegraphy. Includes some interesting illus. and photos, such as a frog's leg receiver, together with a schematic diagram, and early wireless apparatus. A rarely seen edition, although the first and last couple of pages are stained at the bottom. 279 pages. 54 illus. Good + condition. Rare. $65.00

389. **GERNSBACK, HUGO; The Wireless Telephone** . 2nd edition, 1911. A rarely seen treatise on the low power wireless telephone, describing the different systems then in use. The cover contains a nice illustration of an early wireless telegraph station. This is book #2 of Gernsback's Electric Library. 73 pages. 57 illus. Very Good condition. Rare. Softcover. $95.00

390. **GERNSBACK, S.; LESCARBOURA, A.; SECOR, H. W.; Wireless Course** . 2nd edition, 1922. This wireless course consists of 20 lessons, each covering a different area of instruction. Included are spark transmitters, crystal receivers, wireless telephony and the history of wireless, highlighted by many photos and illustrations of early apparatus. 160 pages. Very Good condition. Rare. $25.00

391. **GOLDSMITH, ALFRED N.; Radio Telephony** . 1st edition, 1918. An excellent treatise on the subject of wireless telephony. This early work on the subject covers the Poulson Arc, Alexanderson, and DeForest systems as well as many others. Profusely illustrated with over 100 photos of early wireless apparatus. 247 pages. 110 photos. 116 illus. Very Good condition. Scarce. $25.00

392. **HERTZ, HEINRICH; Miscellaneous Papers** . 1st edition, 1896. This volume consists mainly of the earlier investigations which Hertz carried out before his great electrical researches. Induction, magnetism, and cathode discharge are covered within. Rarely seen for sale, this is a beautiful copy with slight fading to the spine. 340 pages. 34 illus. Very Good condition. Very Rare. $195.00

393. **HERTZ, HEINRICH; Electric Waves** . 2nd edition, 1900. Being researches on the propagation of electric action with finite velocity through space. This epochal work by Hertz paved the way for Lodge and Marconi to discover practical wireless telegraphy. Though with slight wear along the spine, this edition is very rare, making it a nice copy for the advanced collector. 278 pages. 40 illus. Good + condition. Extremely Rare. $215.00

394. **HOYLE, BERTRAM; Standard Tables And Equations In Radio Telegraphy** . 1st edition, 1919. This book extends the scope of the number of equations and tables which were given in the "Marconi Yearbook Of Wireless Telegraphy", adding numerous tables and equations facilitating calculations occuring in the subject of wireless telegraphy. Few pages lightly stained. 159 pages. Very Good condition. Scarce. $20.00

395. **KENNELLY, A.E.; Wireless Telegraphy** . 1st edition, 1906. An excellent well-known treatise on wireless telegraphy, and the primitive forms of wireless telephony. Many nice illustrations of early equipment are shown. This 1st edition is rarely found, especially in this near perfect condition. 211 pages. 66 illus. Fine condition. Rare. $125.00

396. **KERR, RICHARD; Wireless Telegraphy Popularly Explained** . 1st edition, 1898. This is the first book on wireless written in the English language that had been written to that time. A few months after this, Oliver Lodge changed his book to "Signalling Through Space Without Wires". This book contains what was then known about the art. Nicely rebound in green cloth. 111 pages. 12 illus. Very Good condition. Very Rare. $225.00

397. **LAUGHTER, VICTOR H.; Operator's Wireless Telegraph and Telephone Hand-Book** . 1st edition, 1909. A complete treatise on the construction and operation of the wireless telegraph and telephone. Many fine photos of wireless apparatus and wireless stations are included. The different forms of wireless telephony are well represented. 180 pages. 30 photos. 56 illus. Very Good condition. Uncommon. $35.00

398. **MARCONI WIRELESS TELEGRAPH COMPANY; Traffic Rules and Regulations** . 1st edition, 1917. This rarely seen volume could be found on the desk of all Marconi wireless telegraph operators. Included are chapters on traffic, wireless apparatus, Ocean Wireless News, and the various regulations for Marconi wireless operators. Slightly stained on cover. 155 pages. Very Good condition. Rare. $85.00

399. **MARCONI WIRELESS TELEGRAPH COMPANY; The Yearbook of Wireless Telegraphy - 1914** . 1st edition, 1914. This is the second yearbook published by Marconi which contains an excellent record of the development of wireless from 1831-1914. Included are many photos of wireless gear and stations & info on early companies. Wireless map of the world folds out in rear. A nice tight copy from the British Admiralty Library. Slightly stained on the spine 742 pages. Good + condition. Rare. $85.00

400. **MARCONI WIRELESS TELEGRAPH COMPANY; The Yearbook of Wireless Telegraphy - 1913** . 1st edition, 1913. This is the first yearbook published by Marconi which contains more information than ever written before. Included are many photos of wireless gear and stations, info on early companies, biographies, and a history of wireless. Includes a large folding wireless map of the world. From the RCA Laboratory' library. Spine is reinforced with tape 564 pages. Good + condition. Rare. $90.00

401. **MIESSNER, B. F.; Radiodynamics** . 1st edition, 1917. The history, methods, and apparatus used in controlling distant mechanisms without direct connection such as torpedos, boats and dirigibles. Some early equipment including receivers, detectors and transmitters are pictured. The work of Tesla is covered in depth, along with some photos of his wireless boat. Cover is slightly stained 206 pages. 112 illus. Good + condition. Rare. $55.00

402. **MONCKTON, C.C.F.; Radio-Telegraphy** . 1st edition, 1908. A fine, early book written for the layman, containing 173 photos and illustrations of some very rare gear. Includes a chapter on wireless telephony. At the beginning of each chapter a history of that subject is presented. One side of the spine has been reglued. 272 pages. 173 illus. Good + condition. Rare. $95.00

403. **MORGAN, ALFRED P.; Wireless Telegraphy and Telephony** . 4th edition, 1920. An excellent early book on wireless telegraphy. Profusely illustrated with photos of Wireless Specialty Apparatus and DeForest Co. gear. An excellent book on the early days of wireless. 154 pages. 100 photos. 56 illus. Very Good condition. Scarce. $35.00

404. **MORGAN, ALFRED P.; Wireless Telegraph Construction For Amateurs** . 3rd edition, 1913. This book contains the practical information for those wireless amateurs who wished to build their own apparatus as opposed to buying it. Clear drawings and practical hints make this an excellent book for the home brew enthusiast. Spark xmitters, Xtal sets and detectors are shown in the many photos and illustrations present. 222 pages. 167 illus. Very Good condition. Scarce. $65.00

405. **NATIONAL BANK CO.; Marconi Wireless Telegraph Company Of America** . 1st edition, 1918. We have a small quantity of original Marconi Company checks which were sent to the stockholders for their dividend payment towards the end of the company's reign in the U.S.. They are dated from 1918 to 1920, which was the last one issued, and each includes a nice vintage postage stamp. Very Good condition. Scarce. $10.00

406. **NAVY DEPARTMENT; Handbook Of Regulations- U.S. Naval Radio Service 1913** . 1st edition, 1913. This handbook was intended as a manual for the guidance of officers and operators in control of Navy radio stations, coast and ship. It includes all matters relating to radio communications both commercial and non-commercial. The first copy we've had for sale, the covers and spine have been repaired with clear tape. 299 pages. Good + condition. Rare. Softcover. $55.00

407. **ROBISON, CAPT. S.S.; Robison's Manual Of Radio Telegraphy And Telephony 1918** . 4th edition, 1918. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy during WWI. Contains many illustrations and photos of apparatus in use at that time. 256 pages. 30 photos. 121 illus. Very Good condition. Scarce. $35.00

408. **ROBISON, CAPT. S.S.; Manual Of Wireless Telegraphy 1915** . 4th edition, 1915. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy before WWI. Contains many illustrations and photos of apparatus in use at that time. A near perfect copy of this desirable treatise with a 2" x 2" piece torn from the rear blank endpaper. 243 pages. 117 illus. Very Good condition. Rare. $55.00

409. STANLEY, RUPERT; Textbook On Wireless Telegraphy . 2nd edition, 1919. This 2 volume set covers much information on early spark transmitters, commercial crystal receivers, and miscellaneous apparatus used in the measuring and testing of wireless instruments. Contains many illus. of early Marconi wireless gear. Volume 2 is dedicated to valves and valve apparatus. Some wear on the covers, volume 2 is stained on the edges. 828 pages. 482 illus. Good condition. Rare. $65.00

410. TREVERT, EDWARD; The A-B-C of Wireless Telegraphy . 1st edition, 1902. An excellent early treatise on wireless telegraphy embracing theory, methods of operation, and how to build various pieces of wireless apparatus. An extra nice copy of the first printing. 82 pages. 22 illus. Very Good condition. Rare. $90.00

411. TUNZELMANN, G.W. DE; Wireless Telegraphy . 1st edition, 1901. A rarely seen early work on the subject of wireless telegraphy. The experiments of Marconi and Popoff are covered in depth including fine illustrations of their apparatus. A few pages of ads at the back show 4 different vintage induction coils! The only 1st edition we've ever had for sale. 104 pages. 30 illus. Very Good condition. Rare. $115.00

MISCELLANEOUS EPHEMERA

412. RCA Sound Products Catalog # 217, contains amplifiers, speakers & microphones 1942 27 pages Very Nice! VG++ $ 35

413. RCA Sound Products Catalog 1955, contains large amplifiers, speakers & microphones (44BX & 77D etc.) Last page slightly stained, G+ $ 35

414. (Early Automatic Telephones) 2 Stereoviews -1 picturing telephone operators at work, the other showing a large automatic telephone switchboard with an early Strowger candlestick. The Sears, Roebuck & Co. produced these about 1910 to show off their new system. $ 35

415. RCA Radiola 20 Instruction manual 20 pgs. 1925 VG $ 20

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417. Electro Importing Co. Catalog # 20 1918, 176 pages- This is a quality reproduction from the late 1980's VG $ 15

418. Commercial and Government Radio Stations Of the U.S. 1927, 137 pages. Has some spine wear, O/W G+ $ 15

419. Atwater Kent Model 67 Instruction Manual 12 pgs 1929 VG $ 10

420. Instruction Book for Radio Receiver Type BC-348-J,N,Q 86 pages, shows everything! appears to be a quality copy from a few years ago. VG condition $ 10

421. J. H. Bunnell & Co. Catalog 27, 1915, 226 pages A very nice hardcover catalog of telegraph, telephone and even early wireless gear. One page has a blank blue paper covering the apparatus (placed by the Company?) Rare! $ 95

422. A fine collection of a series of orders placed with the Mullard Radio Valve Co., England by a radio dealer in New Brunswick, New Jersey. Dated March and Dec. 1922, there are 3 invoices with nice letterheads from Mullard, 3 letters with dealers' price listing the various valves available (Type R, ORA, D, K etc.), and 6 letters from the N.J. radio dealer. There's even a letter from the Treasury Dept. regarding the order! $ 95

423. Carborundum in Radio, 1928, published by the Carborundum Co. 19 pgs showing various crystal circuits & detectors $ 10

424. (Telegraph Trade Catalog) E.S. Greeley & Co. 1888, "The Philosophy and Practice of Morse Telegraphy" includes a catalog and price list of telegraph keys, sounders, insulators, registers and galvanometers. Front cover is loose and chipped otherwise G+ a nice reference catalog $ 95

425. A Record of The Invention, Development and uses of the Dublier Mica Condenser, 1919. 32 pages VG Includes a history, theory and catalog of the mica condenser. $ 15

426. Western Union Telegraph Blanks; A full pad of unused blanksfrom 1920, designated form 1216A VG condition. $ 20

427. Surplus Radio Conversion Manual Volume 1 1948 2nd ed. Covers the BC342, BC348, SCR274, SCR522, TBY etc. VG $ 20

428. E.F. Johnson Co. Assembly manual for the Viking I transmitter, 37 pages VG condition $ 10

429. (Paper by Guglielmo Marconi) Annual Report of The Smithsonian Institution for 1906- Contains a 15 page report titled: "Recent Advances In Wireless Telegraphy" given at a meeting of the Royal Institution on March 3, 1905. It is included in the 1906 bound volume and is in very good condition. It portrays 13 illustrations including an early description of the Magnetic Detector. The total pgs in volume is 546. $ 45

430. (Trade Catalog) Manhatten Electrical Supply Co. (Mesco) Catalog # 26, 1913, 213 pages, in VG condition. Contains thousands of items including telegraph, telephone, fans, insulators and everything in between! $ 75

431. (Stromberg-Carlson) "The Salescrafter" A monthly magazine published for the radio dealers of Stromberg Carlson radios A total of 12 issues plus supplements and even a report on "Blue ribbon winners", an assortment of prize winning window displays. They date from 1929 to 1931 and range from Vol. 5 #4 to Vol.6 #9, and are in V.G. condition. They contain many photos of the factory, receivers, banners & displays, lantern slides, etc. Very Nice! $ 75

432. B-24D Airplane Radio Service & Instruction Manual "Restricted", 1943, 260 pages. A hardbound book in Very Good condition. It encompasses all the equipment used aboard the B-24's. Includes 166 photos & illustrations and covers the BC 375 transmitter & tuning units, BC 348, BC 211, BC 357, BC 433 & the BC 434. Great Info! $ 45

433. General Radio Experimenter Magazines, a total of 54 copies, with 14 copies from 1931 - 1933 and 40 copies from 1962 - 1965. In very good condition. $ 55

434. National Radio Co. Catalog # 250, 1935, 20 pages in very good condition. Describes the HRO, FB7, SW3, etc. $ 20

435. Instruction Book for Navy Receiver Types RBB-3, RBB-4, RBC-3 and RBC-4, 182 pages, 1948. Includes many photos & llustrations, schematic diagrams & service info. $ 20

436. Special 1944 U.S. Army Signal Corps Issue of Radio News February, 1944; 452 pages in very good condition. This special issue of Radio News is one of their largest! It shows captured enemy equipment, with hundreds of photos black & white, and color depicting Signal Corps equipment and installations. $ 35

437. Remler Bulletin # 1002 dated January 1921, 4 pages, it shows the Remler Type 330 Control Panel & other parts $ 10

438. General Radio Catalog "O", 1956, 256 pages in very good condition. A fine catalog showing all of GR's equip. $ 20

439. RCA Type SSB-1 Transciever Instruction Book, Circa 1955 Early home transceiver produced by RCA, 76 pages V.G. $ 20

440. Gilbert Radio and Broadcasting by Clarence B. Tuska, 1922, 116 pages, 134 illustrations. Covers are somewhat soiled, but this is a rare booklet put out by the famous Gilbert Toy Co. on how radio works! Good+ condition $ 55

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